



BUCHARS



5A+ CHOICE FOR CYBER

BUCHAREST



CHOICE FOR
CYBER



Ludovic Orban
Prime-minister of Romania

The rationale for bringing the newly established European Cybersecurity Industrial, Technology and Research Centre to Bucharest is multifaceted and deserves full consideration.

*Over the years of its membership to the European Union, Romania has proved to be **a reliable and strong pro-European partner**, constantly dedicated to bringing its contribution to the achievement of EU's common objectives, in the spirit of unity and solidarity. Guided by the strong belief that building cohesion provides for the strength of the Union, Romania gave the measure of its dedication to the European project and to the fundamental European principles and values, including during its Presidency of the EU Council.*

*Romania is **fully committed to continue acting along "the spirit of Sibiu"** in order to ensure the protection and security of the EU citizens and in bringing its contribution to a stronger and more resilient Union for today and for the generations to come.*

*Romania is **fully equipped for serving the objective** of enhancing EU's ability to protect itself against cyber threats and to provide for a secure communication environment, through **building an EU cyber security ecosystem**.*

*Thus, Romania has **a digital-oriented mentality and innovative footprint**. As a highly committed Member State to all European values, we have wide openness for embracing new cultures, ideas, technologies, applications and the new digital way of living and doing business. **Romania is emerging as one of the finest countries in Europe for start-ups and amazing tech unicorns**, being supported by one of the fastest-growing ICT workforce in Europe.*

*Romania has the **potential to catalyse EU's efforts towards a consolidated and coherent approach to future proofing its vital cybersecurity-wise interests**. As a dynamic and future-oriented country, Romania was a first-mover in terms of embracing and capitalizing on new technological trends and digital services. Romania is **one of the fastest-growing information technology (IT) markets** in Central and Eastern Europe and **a leader, in Europe, in terms of the number of certified IT specialists**.*

*At the same time, **our capital - Bucharest - is becoming one of the regional hubs for business and tourism and is an important higher education Centre, especially in the IT&C sectors**. We provide accessible infrastructure, good connections and strong educational and medical care system. We also offer **safe and excellent working and living conditions in an open, friendly and welcoming environment**.*

*I have every confidence that Romania's excellent European and international stance in the IT&C, as well as in cybersecurity, its attractive and carefully prepared offer, as well as the full support of the Romanian Government, of the participating public authorities, of the IT&C business community and of the Romanian citizens make **Bucharest a 5A+ choice for the Cyber Centre**.*

We are looking forward to welcoming you to Bucharest!

The European Cybersecurity Industrial, Technology and Research Competence Centre is of crucial importance for all European priorities and objectives towards a strong, competitive, and sustainable digital economy and for transforming our Europe in the digital leader of the world.

Romania is delighted to host the seat of the Centre as it meets all the requirements to ensure the best conditions for its functioning, development and for its staff and their partners and families.

Romania is the perfect location for the seat of the Centre as the country has high performances in terms of connectivity, cybersecurity, digital development, impressive number of talented, creative, visionary and innovative IT&Telecom professionals and exemplary gender balance.

Bucharest is an extraordinary city for hosting the seat of the Centre, being of an outstanding beauty, having a wide ecosystem of international companies and tech start-ups, a notable and diversified international community, an excellent infrastructure and extraordinary opportunities for education, sports and leisure activities.

The Government of Romania is committed to offer a significant and constant support for the Centre to run its activities in the most modern and highly equipped premises and for the staff of the Centre, their families and partners to find the best places for living, and working, for their children to go to international schools, for recreating, for integrating in the Romanian way of life.

As the Minister of Transport, Infrastructure and Communications, I warmly welcome the Centre and its staff, their families and partners to my country, with my assurances of the best support and cooperation and commitment.



Lucian Nicolae Bode
Minister of Transport, Infrastructure
and Communications of Romania

Business
Services



Deloitte.



CYBOURN



THALES



Bucharest, October 2020

The cybersecurity industry supports Bucharest for the Cybercentre

We, established companies acting in the IT&C and cybersecurity sector in Romania, publicly welcome the decision taken by the European Union to set up the European Cybersecurity Industrial, Technology and Research Competence Centre and the Network of National Coordination Centres and strongly advocate for establishing the location of the Centre in Bucharest.

Digital transformation has become an essential tool in fostering economic competitiveness and interconnectivity in today's world. Nowadays, digital media, technologies and data, digital marketing and services are not only widespread concepts, but also daily working realities in a society ever more attached to the virtual environment. This new reality brings along also new challenges mainly related to cybersecurity. We believe there is no better time to act and give Member States and companies the impulse in proactively combating cyber threats, increasing the capacity to identify potential cyber risks and developing more secure systems.

Over the latest years, we have witnessed how Romania has developed progressively into a pole of excellence in cybersecurity and an outsourcing regional hub in IT&C as the Romanian market swiftly adapted to the new realities brought about by digital transformation.

The development of the digital sector has echoed Romania's overall strong economic performance and openness towards investments and more complex market instruments in all areas. We are witnessing a sound and strong development in the IT&C industry in Romania, which makes it more and more competitive internationally, with still a huge potential for further growth. The interest for developing cybersecurity instruments and technical innovation on the Romanian market stems naturally from this evolution. Romania is firmly committed for advancing cybersecurity and protecting the European values and the way of life.

Hence, considering the fast expansion of a complex digital ecosystem in Romania, bringing together start-ups, SMEs, big companies, universities, research organizations, civil society representatives and public sector, we are convinced that Romania can bring a valuable contribution to a swift and effective setting up of the Centre and to delivering speedy results in accordance with its mandate.

Furthermore, we consider that setting up the Centre in Romania will bring to light the expertise and innovation potential of the Central and Eastern Europe region for the benefit of the entire European Digital Single Market.

GREEN LIGHT FOR CYBER CENTRE IN BUCHAREST - THE KEY FINDINGS OF THE ROMANIAN CANDIDACY	p.8
---	------------

ABOUT ROMANIA AND BUCHAREST	p.12
<i>Why Romania</i>	<i>p.13</i>
<i>Why Bucharest</i>	<i>p.17</i>

BUCHAREST - A 5A+ CHOICE

01

AVAILABILITY	p.20
<i>Smart buildings operational from day one</i>	<i>p.21</i>
<i>Intelligent buildings ready to use - multiple options at hand</i>	<i>p.29</i>

02

APTITUDES	p.30
<i>A high-class resilient and reliable cybersecurity ecosystem</i>	<i>p.31</i>
A complex institutional and strategic framework in place	p.35
Getting speed in start-ups and unicorns era	p.36
Universities echoing the IT&C developments	p.37
Building high performance in research and development	p.39
<i>A broad pool of IT&C and cybersecurity talent</i>	<i>p.42</i>
Top ranking in IT&C and cyber competitions	p.43
Temporary IT&C staff available at short notice	p.43
Women in tech - an important specialists' pool	p.44
<i>A solid cyber posture on both EU and international scene</i>	<i>p.45</i>
Cybercrime Programme Office (C-PROC) in Bucharest	p.45
Active in partnerships with other Member States and international organisations	p.46
<i>Connectivity, security and interoperability</i>	<i>p.47</i>
Mobile connectivity and 5G	p.49
Security and interoperability	p.50
TESTA connectivity	p.51

03

ACCESSIBILITY p.52
Excellent international flight connections p.55
Easy access all over the city p.56
Excellent education facilities for children p.59
Accommodation and housing p.60
Medical care p.61
Access to labour market and to social security system p.62

04

ATTRACTIVITY p.64
Quality of life in Bucharest p.66
A safe life in Bucharest p.71
Every day=new opportunities for leisure and entertainment p.72
 A rich and entertaining cultural life p.73
 Remarkable restaurants and cafes all over Bucharest p.84
 Shopping malls, wellness and spa p.85
 Admiring nature p.86

05

ADVANTAGES p.88
The Romanian tax system p.90
Privileges and immunities p.91
Cyber VIP protection p.92
Special treatment p.93
Free Romanian language courses p.93

Green light

for Cyber Centre in Bucharest

the key findings of the Romanian candidacy

Romanian candidacy complies with all the criteria agreed upon for setting-up this Centre, structured within 5 major Arguments which make Bucharest a 5A+ choice for the Cyber Centre:

1. Availability

2. Aptitudes

3. Accessibility

4. Attractivity

5. Advantages

Availability

The candidacy is built upon several key elements ensuring fast and effective availability, allowing for the Centre to become operational immediately.

Romania proposes **3 different options for the location of the Centre**, which reflect the diversity of Bucharest's architectural style – a mix of historic buildings completely renovated and adapted to the 21st century requirements and new and intelligent buildings ready to accommodate a successful business environment. The Centre will thus have the choice.

All 3 proposed buildings are **located in the central town area**, allowing for easy and fast access to the airport. Furthermore, all 3 proposed buildings are **available immediately** and they are all offering high-quality physical and communication infrastructure, high IT security standards, as well as a generous space for offices, meeting rooms and other activities of the Centre. **Special financial arrangements** are provided by the Romanian Government for the seat of the Centre, for either building to be chosen.

Romania is fully prepared to ensure the complete operationalization of the Centre, immediately after the adoption of the regulation. This includes the prompt availability of the building where the centre will develop its activity and all the necessary administrative arrangements in place for the staff of the centre and their families and partners.

Several institutions are prepared to offer support in setting-up the Centre: Bucharest's City Hall, through a dedicated Task Force to this purpose, **CERT-RO** through dedicated team to work with the Centre staff for the cybersecurity solutions. **Romanian STS** for connectivity and security of the infrastructure system.



Accessibility

Bucharest is **well-connected to all EU capitals**, with more than 120 flight destinations in Europe, several daily flight connections to Brussels and to other EU major capitals. At the same time, **fast and diverse transport connections are available from the Bucharest International Airport** to the city centre, within 20-30 minutes.

Excellent and cost-effective accommodation is also guaranteed. Given that the proposed premises are located in the very heart of the city, **a considerable number of 5* and 4* hotels are available at a walking distance**, allowing for quick accessibility for the visitors of the Centre. The city also offers modern and accessible rental opportunities, as Bucharest is one of the least-expensive and most-accessible capitals in Europe for expats.

Access to high-quality education is guaranteed for the children of the Centre's staff. With 9 international schools teaching a European curriculum and many other public and private schools and universities providing studies in foreign languages, Bucharest is more than prepared to offer multilingual, European oriented schooling in a friendly and secure environment.

The health system is also ready to respond to the needs of the staff and family members. Access to emergency public services is free of charge and several options of special arrangements are offered for the staff in private health clinics.

The labour market in Bucharest is offering unique opportunities, since its constant development and very positive perspectives are making extremely easy and effective the task of finding a job both in traditional economic areas, as well as in services and highly skilled activities.



Aptitudes

Romania considers that **knowledge and aptitudes are essential for supporting the activity of the Centre** and its future development. Romanian candidacy brings together several essential ingredients for the success of the Centre: an evolving cybersecurity system, one of the most consistent and highly competitive pool of expertise and talent in Europe, large outsourcing opportunities, an extended innovation source, a solid cyber posture on both EU and international scene, ensuring complementarity with NATO, UN, the Council of Europe and OSCE.

Romania has a complex institutional and strategic framework in place related to cybersecurity, doubled by a strong operational and innovation capacity, as proved by the fact that Romania was the first in Europe and the second in the world to set-up a single emergency number for cybersecurity incidents. One of the global leaders in cybersecurity is “made in Romania”, collaborating with Member States authorities, European agencies and private actors. Unicorns and start-ups are becoming extremely active in this area, making Bucharest a major outsourcing hub in the region.

Romania has successfully put in place a complete cybersecurity value chain by transforming cybersecurity into a horizontal national priority, covering all economic and defense areas and by enhancing the training, education, exercises, awareness raising activities, and cyber defense.

To this end, Romania has constantly increased the cooperation and dialogue among the public institutions, private companies, including start-ups and SMEs, innovators, academia, research, industrial and technological entities.

This visionary and comprehensive cybersecurity national approach was complemented by a pro-active and fully engaged involvement of Romania in the cyber related activities at European and international level and in a transparent and open dialogue with our European and International partners.

Attractivity

Romanian candidacy proves that all aspects related to the functioning of the Centre and the wellbeing of its staff are reachable and available with minimum efforts and costs. Bucharest offers good quality life at very competitive prices. **Living and working in Bucharest is from 25% to 40% cheaper than in many other EU capitals.** Along with rich and diverse cultural and entertainment opportunities, this makes Bucharest an attractive destination for life and work.



Advantages

Choosing Bucharest as the location of the Centre fully responds to the principles of budgetary prudence and efficiency in terms of administrative expenses, in line with the budgetary approach promoted by the European Commission. This would entail **major budgetary savings for the functioning of the Centre**, given the financial advantages offered by the Romanian Government both for the premises and for the staff, the reduced administrative costs, the competitive cost of living for the staff, as well as the opportunities brought by a constantly developing market.


Along with all the technical and professional arrangements, **the Centre and its staff will fully enjoy the privileges and immunities** foreseen by Protocol 7 to the Treaty on the Functioning of the European Union. Romania is also ready to grant other specific privileges and immunities for the management staff of the Centre, to be included in the Headquarters agreement. The Centre and its staff are being also granted cyber VIP protection, free of charge. Special security treatment is being offered for the premises and the management staff of the Centre.

Geographical balance

is a major "extra A+" argument for setting up the Centre in Bucharest. Romania constantly proved its pro-European stance and dedication, promoting a more cohesive and integrated European project. That is why **Romania strongly believes that setting-up this Centre in a Member State not hosting yet any European agency or body would represent a confirmation of validity of the commonly agreed objectives and decisions**, as reflected in the 2008 European Council Conclusions. The commitment of the participation of all EU Member States to the development and evolution of the European project on an equal footing has to be reflected also in the spread across the EU territory of its agencies and bodies.

Along with the offer complying with the set criteria, **the Romanian Government expresses its strong commitment** for making the operationalization of the Centre a complete success and for further supporting its development, in full cooperation with the EU Member States and European institutions.

For Romania, the operationalization of this Centre represents a bold and undeniable contribution to the consolidation of the EU actions and initiatives in the area of cybersecurity, leading to increased resilience and effectiveness in dealing with new emerging threats. It is a task that Romania is ready to assume in the most responsible and dedicated manner to the benefit of the entire Union.

A nighttime photograph of a city skyline, likely Bucharest, Romania. The image features several modern buildings, including a prominent white building with a glass facade and a tall, cylindrical tower with a red light on top. The buildings are illuminated with various colors, and their lights are reflected in the water in the foreground. The sky is dark blue, and the overall atmosphere is serene and modern.

About Romania and Bucharest

Key 5A+ findings

1

A strong pro-European Member State for almost 14 years, profoundly attached to EU values and principles, fully dedicated to the consolidation of the European project; the future of Europe lies in the “spirit” of Sibiu, Romania;

2

One of the few EU Member States not hosting any EU agency;

3

The 2nd largest economy in Eastern and Central Europe, receiving, in 2020, the emerging market status;

4

A multicultural and welcoming country that expats often consider a great place to live and work, while travelers discover with astonishment;

5

A real performer in **digital connectivity**.

Why
Romania

Why Romania

1.A+ Romania became member of the European Union on 1st January 2007. In the 14 years of membership, Romania has been a predictable and reliable partner, proving **a strong pro-European profile**, constantly dedicated to further consolidating the European project. As a first time Presidency of the Council of the European Union, in semester I 2019, Romania made proof of its dedication and pro-activeness in advancing the common European agenda. Under the motto "Cohesion, a common European value" and guided by the strong desire to build consensus at the level of the European Union, Romania has demonstrated that it is able to exercise effective leadership at EU level for the benefit of all European citizens.

2.A+ Romania is an active performer in the European decision-making process. This, nevertheless, did not prevent Romania from remaining one of the few Member States, which do not host a European agency on its territory, despite the significant competitive advantages Romania encompasses.

3.A+ Romania has also **a strong economic outlook**, being the 2nd largest economy in the Eastern and Central Europe and, starting from February 1, 2020, the 13th largest economy in the EU, in nominal terms. With a GDP of about 222 billion euros, Romania's economy is increasingly contributing to the European economic stance, thus confirming the emerging market status received on the 21st September 2020 as a recognition of its stable economic stance and attractive investment environment.





Despite the significant impact of the Covid-19 pandemic on the Romanian economy, the forecasts remain positive for the upcoming period, according to the European Commission. Hence, after falling sharply in the first half of 2020, economy is expected to gain traction in the second half and to pick up further in 2021. At the same time, Romania's economic growth competitiveness index remains at a significantly high level (4.32), according to the World Economic Forum, ranking above many Member States in the region.

4.A+ Romania is **a place of multiculturalism**. Being at the crossroads of many different cultures and traditions, Romania has one of the most tolerant and inclusive societies in the European Union. In an era of growing professional and personal mobility, proficiency in a foreign language represents a must. According to Eurostat statistics, Romania is one of the six countries in the European Union whose high-school kids all learn English in school. Moreover, 99% of the Romanian high school students study two or more foreign languages.

5.A+ Romania is a real performer **in digital connectivity**, due to high take-up of ultrafast broadband and the wide availability of fixed very high capacity networks, especially in urban areas, ranking 11 among the 28 Member States. 49% of Romanian homes subscribe to ultrafast (at least 100 Mbps) broadband, the fifth highest figure in the EU. Romania is, also, well-positioned as regards the ICT graduates, as it ranks sixth.

This excellent performance is further enhanced by the affordability of being digital in Romania. Romania ranks first in the EU in terms of broadband prices when analysing all product baskets (fixed, mobile, converged). It is leading in terms of mobile and converged baskets with an index of 97 and 91 respectively. In terms of fixed broadband prices, Romania ranks second in the EU.

Romania

country overview



2004

NATO membership



2007

EU membership



19.4 million
population



1 EURO = **4.8** RON
currency: RON



Key **5A+** findings

1

The 5th largest capital in the EU;

2

The economic, political and social hub of Romania; the largest labour market in the country, with a dynamic and diverse business environment with soaring competitiveness indicators;

3

7th out of 25 European cities and first in Central and Eastern Europe in terms of opportunities for startups and technology, in the Tech Cities of the Future ranking made by Financial Times and TNW (The Next Web);

4

The best city in the world for working from home or remotely in 2020, according to the Remote Working Index report by Broadband Deals;

5

An ideal choice for expats who want to live a new experience.

Why
Bucharest

Why Bucharest

1.A+ Bucharest is the 5th largest capital in the European Union, after Berlin, Madrid, Rome, and Paris, with a population around 2 million inhabitants. Bucharest is the most prosperous city in Romania and is one of the main industrial centres and transportation hubs of Eastern Europe. The city has big convention facilities, educational institutes, cultural venues, traditional "shopping arcades" and recreational areas.

According to the European Commission, the assets of Bucharest rely on high capacity for regional growth, job creation and workforce attraction, better development of the local service economy and industry base, higher R&D potential, highly educated workforce, most important national transportation node, higher availability of public utilities and telecom infrastructure.

2.A+ Bucharest is an **amazing hub of innovative and dynamic digital action**. The Bucharest-Ilfov region is hosting the country's top academic institutions and research infrastructure, exhibiting the highest R&D potential in the country. Its public and private R&D expenditures are the highest in Romania as more than 50% of country's total expenditure is in this region.

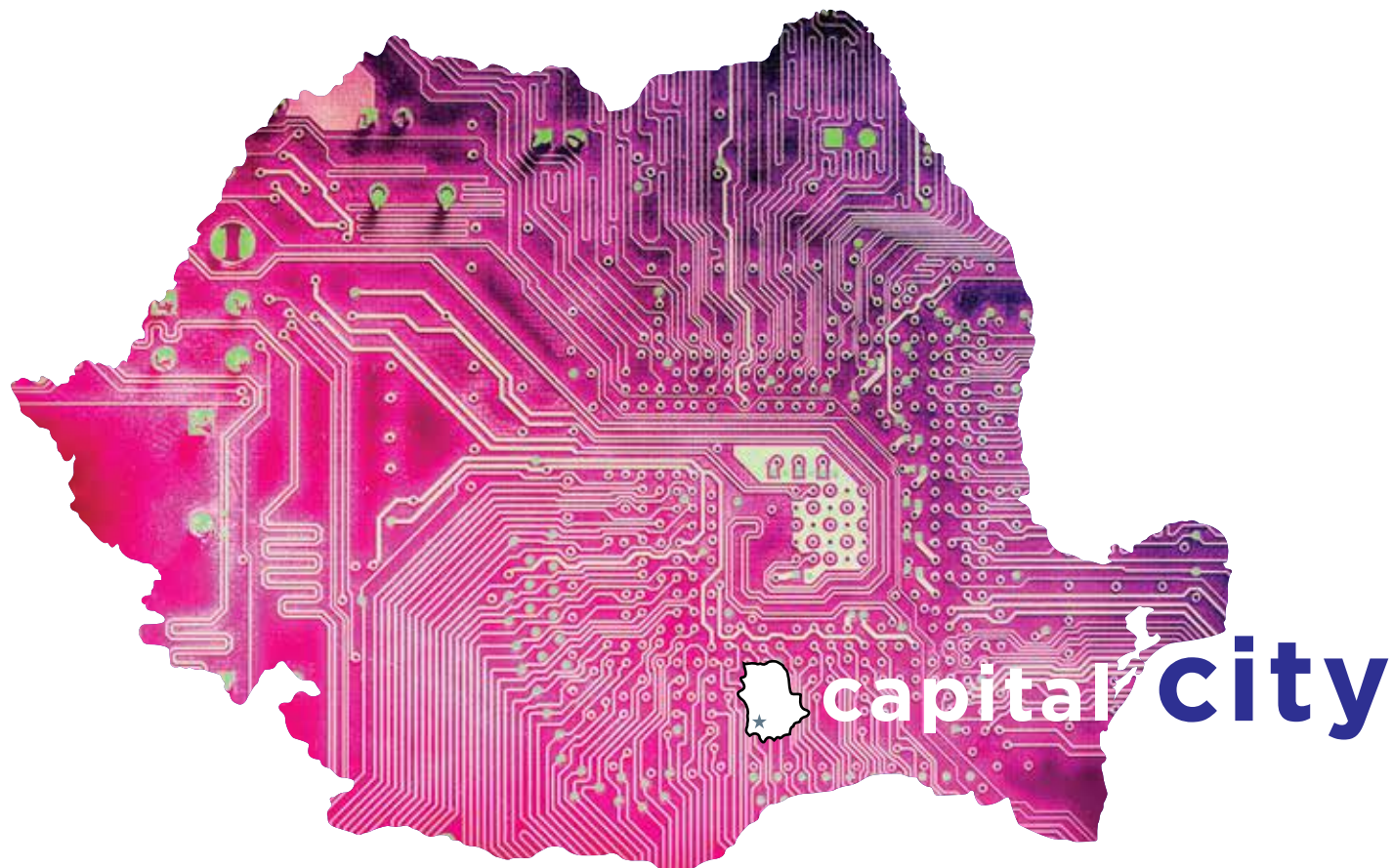
The capital city has the highest socio-economic potential and the highest living standards of the country.

3.A+ Bucharest is an important **economic and industrial hub**. Romania's economic activity is widely focused in Bucharest and in

its surroundings, representing the largest industrial area of the country, which accounts for one-fifth of Romania's industrial production. Industries include heavy machinery, aviation, precision machinery, agricultural tools, furniture, electronic components and equipment, chemicals, textiles, leather goods, wire, cosmetics, and processed food. This is also the area where industries such as construction, retail estate, retail, distribution and management have undergone a surprising growth.

4.A+ Bucharest is **great at working from home or remotely**. According to the Remote Working Index report by Broadband Deals, Bucharest ranks first among 50 worldwide cities in 2020. The analysis revealed the significant low cost of living - at £421.32 a month - and a high percentage of remote working jobs at 4.33%, all making Bucharest "the best city for remote working across the world".

5.A+ Bucharest is **a vivid and entertaining city**. Bucharest has simply everything one would prefer for spending quality time, from beautiful parks and gardens - Cișmigiu or Herestrau Park which would surely be a place to enjoy - museums of traditional, modern or classic art, shopping malls and markets, modern movie theatres, to an impressive number of attractive restaurants and cafes.

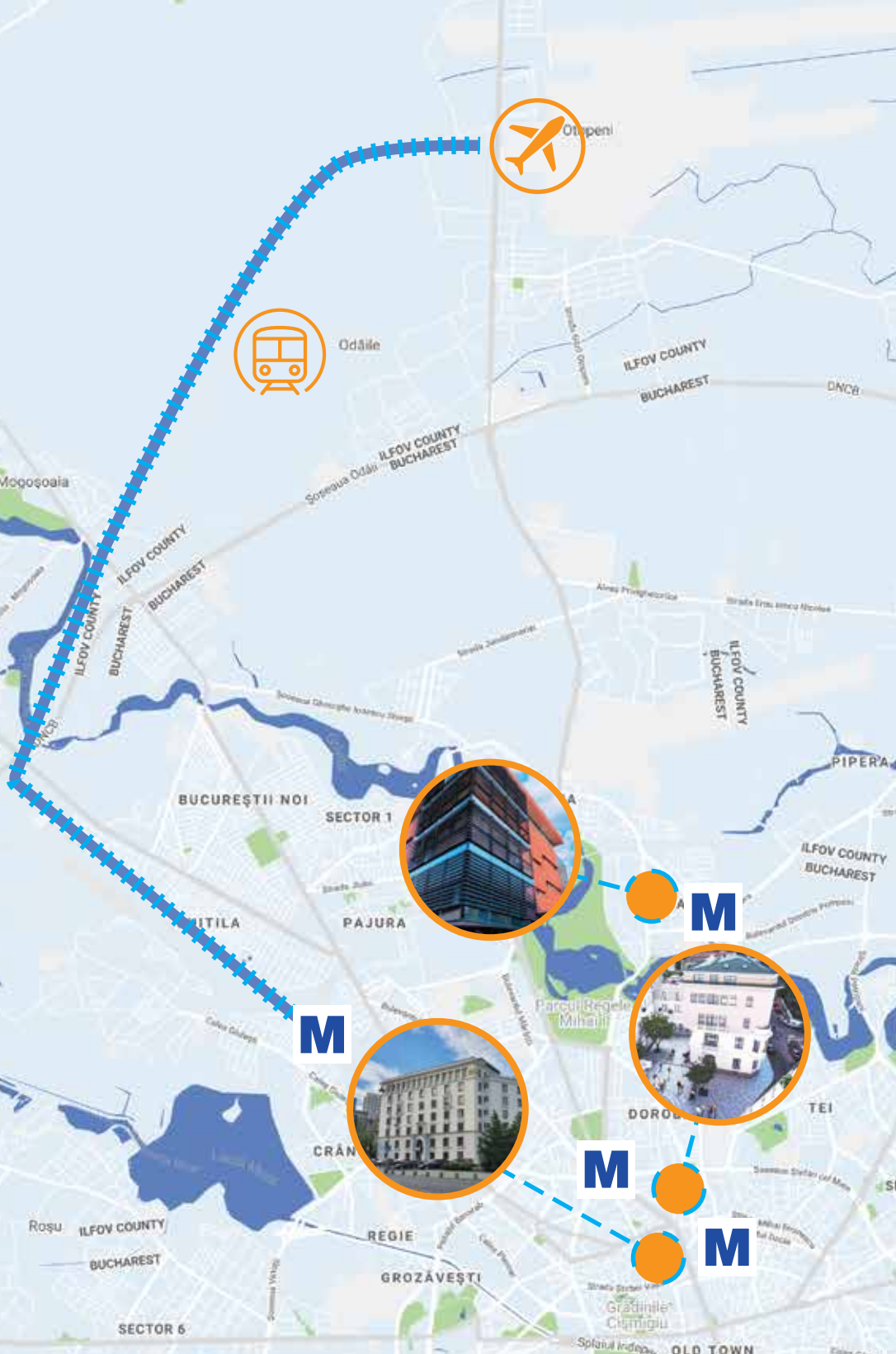


BUCHAREST A 5A+ CHOICE





01 Availability



Smart buildings operational from day one

3 buildings have been selected which meet the requirements of the latest smart system.

All 3 buildings are available for in-site visits.

VILLA ROSETTI

It is a premium project that integrates a completely renovated office building (Historical building) into prime office space together with an adjoining new modern office building (the New building). Both buildings are connected by a portico. The whole ensemble Villa Rosetti is located in the very heart of Bucharest.

The space allocated to the Centre consists of the whole renovated office building (Historical building) which is an INDEPENDENT building with SEPARATE entrances. **The Centre** can be **further on** extended with additional space in the New building.

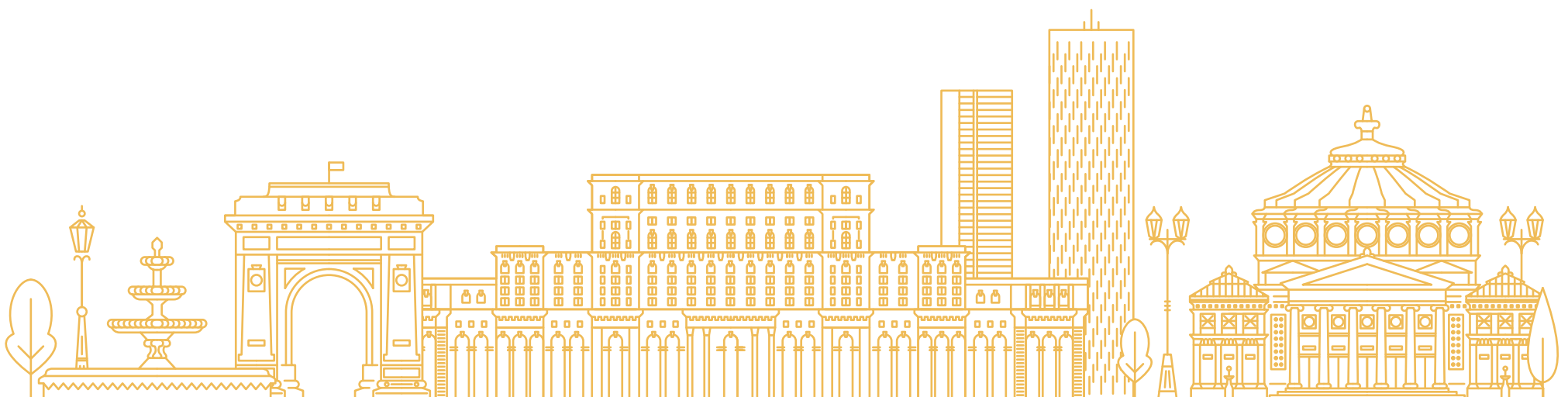
NORDULUI 94W

This is a building located in the northern part of Bucharest, close to the main business hubs and premium offices & residential projects, as an INDEPENDENT building with SEPARATE entrances.

H VICTORIEI 109

This is an A Class building located in the very heart of Bucharest, on Calea Victoriei, near the Romanian Academy and Stirbey Palace. It is surrounded by historical buildings, fancy hotels and restaurants.

The space in this 8 storey building which shall be allocated to the Centre consists of: 928.32 sqm at the 2nd Floor and 928.32 sqm at the 3rd Floor (a total of 1.856,64 sqm rentable area including an estimated 21% of add-on factor) with the possibility of extension with additional space on the 5th floor.



Villa Rosetti

Located on the site of a neoclassical villa, Villa Rosetti (historical villa) is an elegant complex part of the Villa Rosetti project that consists of the historical villa, the new building (the new Office) and a ground floor portico that connects them.

The Historic villa: GLA of 1,322.9sqm of office space above ground (Gross Built Area 1,495sqm), plus GLA of 240.2sqm in the basement for archives/storage (GBA 290sqm), plus GLA, of 21.2sqm of terraces.

The New building: additional 677.1sqm GLA of office space above ground (measurements under BOMA standards) can be provided.

Underground Parking places: up to 30 underground parking places can be provided.

There are 4 rooms at the **ground floor**, two of which have a usable area of 56.80sqm and 41.50sqm, respectively. There are 6 rooms at the **first floor** and 5 rooms at the **second floor**, two of which have usable area of 56.95sqm and 52.70sqm. There are 5 rooms at the third floor, two of which have usable area 54.50sqm and 53.90sqm and 4 rooms at the fourth floor two of which of 95.60sqm and 52.40sqm, respectively. The whole office area shall be delivered with raised floor ready to wire up. High speed internet cabling and air conditioning devices are already fitted.

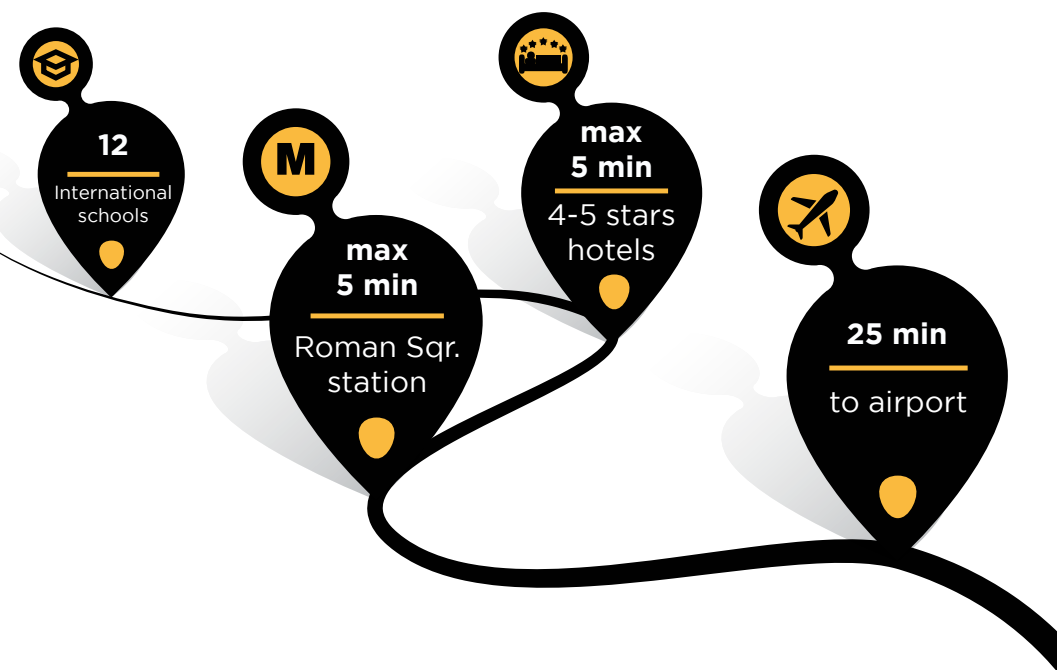
The Historical villa will be fitted with a CCTV system and control access and fire safety controls.

This building offers high quality premises that comply with all the technical, health, safety and security requirements in order to fully meet the needs of the European Cybersecurity Competence Centre.


The top restaurants, cafes, private clinics, wellness and beauty centers, as well as modern location make it a perfect place to relax after a busy day of work.




The Historical Villa - the building on the right side




Characteristics

 **1.785** gross area sqm.
+677,1 additional
2.462,1 gross area sqm.

 **30** underground
- exterior parking spots


 **Independent**
building

Accommodation

 ***** **4** hotels
**** **4** hotels
8 hotels

 **1,319** rooms/suites

Medical care

 **8** hospitals

Entertainment

 **20** shops/markets


 **21** restaurants

 **6** theatres

Transport

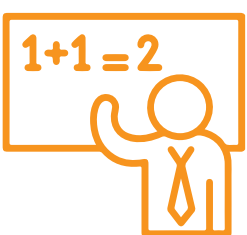
 Taxi/Bolt/Uber at your door

 **2** metro stations **500m/750m** away
5 min/8 min

 **2** express lines **180m** away
2 min

 **11** bus lines **180m/500m** away
2 min/5 min

Education - multi-lingual



4 Nursery/Kindergarten
3 Primary schools
4 Secondary education
1 Higher education
12 International schools

Nordului 94W

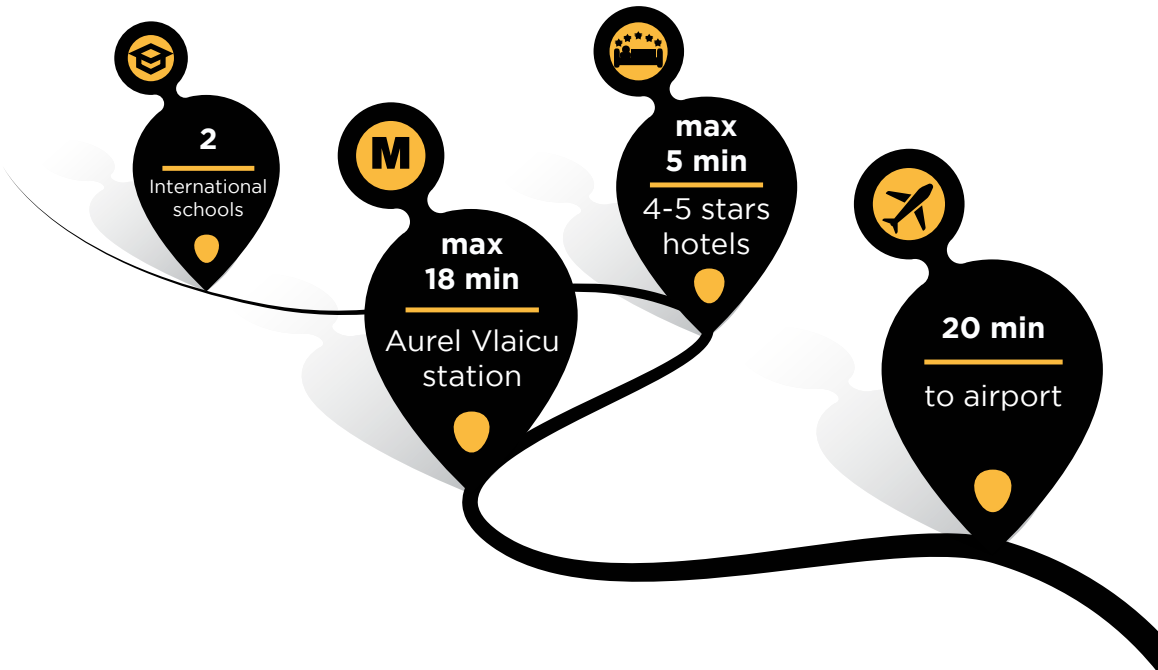
Nordului area is representative for the exclusive and active lifestyle of Bucharest, as it offers proximity to the main business hubs, premium offices & residential projects. The area consists of impressive villas and embassy headquarters located on quiet streets, near Herastrau (Regele Mihai I) Park and Bordei Park, ideal for a nature walk or outdoor sports.

The majority of expats coming to Bucharest who are accompanied by families mainly choose the northern area, because some of the best kindergartens with bilingual teaching, international schools, large parks and green spaces, but also modern, spacious buildings well divided and with fine finishes are located here. **The amenities and the quality of the construction are also premium- luxury class.**

The quiet and safe neighborhood is very popular among diplomats and businessmen because it offers **quick access to Bucharest downtown**, but also to Henri Coanda International Airport.

The top restaurants, cafes, private clinics, wellness and beauty centers and modern locations make it a perfect place to relax after a busy day at work.

This Building is designed in accordance with all the requirements of an “intelligent building” so as to provide a working atmosphere that meets the specific needs of the centre in terms of technical, safety and security, comfort and efficiency or environmentally friendly facilities.



Characteristics



2.135 gross area sqm.



10 underground

11 exterior parking spots



Independent

building

Accommodation



**** **3** hotels

*** **1** hotels

4 hotels



416 rooms/suites

Medical care



3 hospitals

Entertainment



30 shops/markets



20 restaurants

Transport



Taxi/Bolt/Uber at your door

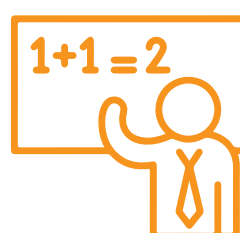


1 metro station **1,5 km** away
18 min



2 bus lines **700m** away
8 min

Education - multi-lingual



1 Nursery/Kindergarten

1 Primary school

2 International schools

H-Victoriei-109

H VICTORIEI 109 is **an A Class building** located in the very heart of Bucharest, on Calea Victoriei, near the Romanian Academy and Stirbey Palace. It is surrounded by historical buildings, fancy hotels and restaurants.

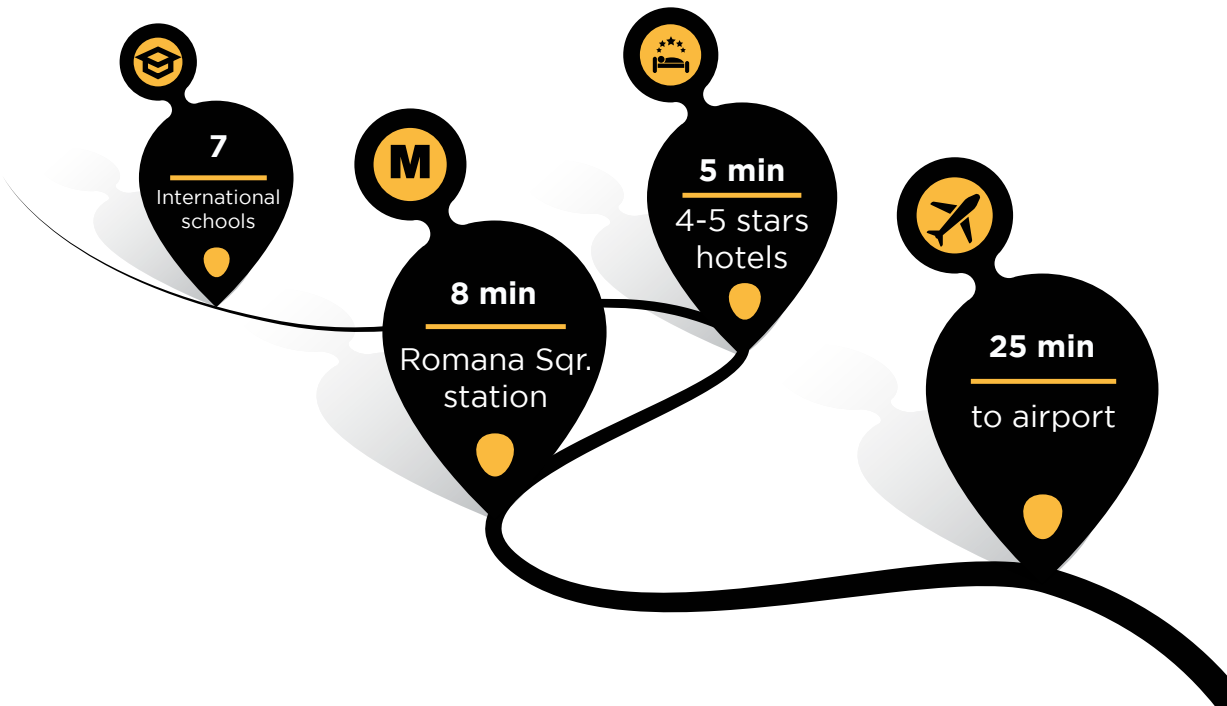
The space in this 8 storey building which shall be allocated to the Centre consists of: 928.32 sqm of the 2nd Floor –and 928.32 sqm of the 3rd Floor – a total of 1.856,64 sqm-rentable area including an estimated 21% of add-on factor with the possibility of extension with additional space on the 5th floor.

The Premises are currently available and offered on standard condition. The office fit-out, interior decoration works and furnishing will be provided according to the necessary requirements.


Also, its interwar architecture perfectly incorporates a very modern design with large, bright, daylight filled rooms which turn this project into the perfect work, recreation and networking area.

The building has 4 separate entrances, a coffee shop & restaurant area, parking lots and provides easy access to **a large variety of transport means.**

H Victoriei promises pleasant, modern and well-designed workspace in the very heart of Bucharest.




Characteristics

 **1.856,64** gross area sqm.
+928,32 additional sqm.

2.784,96 gross area sqm.

 **Multiple office**
building

Accommodation

 ***** **2** hotels
**** **3** hotels

5 hotels

 **989** rooms/suites

Medical care

 **8** hospitals

Entertainment

 **19** shops/markets

 **21** restaurants

 **6** theatres

Transport

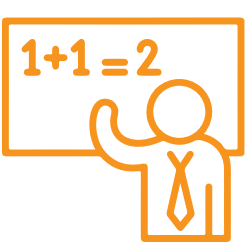
 Taxi/Bolt/Uber at your door

 **2** metro stations **550m/1km** away
8 min/13 min

 **2** express lines **800m** away
10 min

 **10** bus lines **27m/550m** away
1 min/8 min

Education - multi-lingual

 **2** Nursery/Kindergarten
1 Primary school
2 Secondary education
2 Higher education

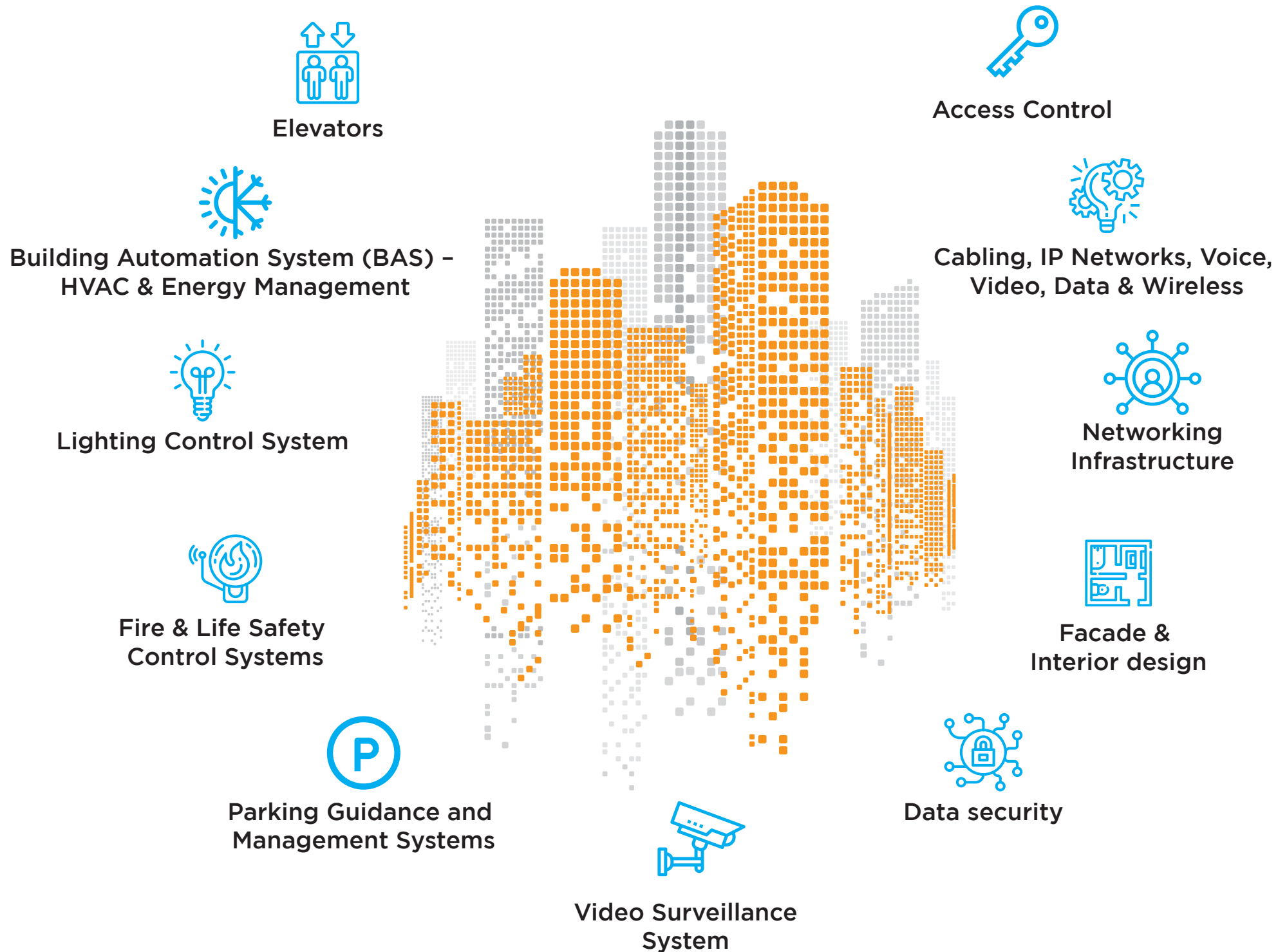
7 International schools



INTERIOR DESIGN



Intelligent buildings ready to use – multiple options at hand





02

Aptitudes

A high-class resilient and reliable cybersecurity ecosystem

Over the last years, Romania has constantly evolved in **building a more responsive and performant ecosystem in the cybersecurity area, bringing together public institutions, private companies, including start-ups, as well as the academic environment.** The institutional and strategic framework has been adapted to this new reality, while companies, services providers and universities have been more and more active in providing new and innovative ways of fostering business and knowledge in this area. These evolutions are coupled with an active stance by Romania in the European and international fora.

Key 5A+ findings

- 1

Romania has **a robust cyber-security ecosystem**, with three pillars: governmental bodies, private business and academia;
- 2

Romania has created and constantly developed **a consistent national cybersecurity legal and strategic framework**;
- 3

Cybersecurity represents an important **pillar of the National Defence Strategy for 2020 - 2024**;
- 4

Starting from 2013, Romania **has a comprehensive National Cyber Security Strategy and a dedicated Action Plan**;
- 5

Romania has **a well-integrated national system in place - the National Cyber Security System (SNSC)**; this system brings together all public authorities and institutions with responsibilities and capabilities in ensuring the implementation measures and prevention of cybersecurity and incident response.

A robust cybersecurity ecosystem

The Romanian cybersecurity ecosystem

A high class resilient and reliable cybersecurity ecosystem

Romania is a champion as concerning the high speed connectivity, the impressive number of digital start-ups, unicorns and highly skilled and talented ICT professionals and women in tech, that makes it an open and innovative digitally oriented country.

Romania has evolved on a rapid pace towards creating a more responsive and competitive cybersecurity ecosystem, that is trustful, safe and ensures the **highest level of protection** for the citizens and companies while online and the **highest standards** for the **cybersecurity of the critical sectors, including the cybersecurity of the 5G networks.**

Romania has successfully put in place a **complete cybersecurity value chain by transforming cybersecurity into a horizontal national priority**, covering all economic and defense areas and by enhancing the training, education, exercises, awareness raising activities, and cyber defense.

To this end, **Romania has constantly increased the cooperation and dialogue** between the public institutions, private companies, including start-ups and SMEs, innovators, academia, research, industrial and technological entities.

This visionary and comprehensive cybersecurity national approach was complemented by a **pro-active and fully engaged involvement of Romania in the cyber related activities at European and international level** and in a transparent and open dialogue with our European and International partners.



National governmental stakeholders



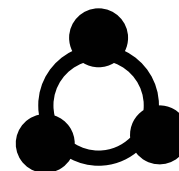
cybersecurity ecosystem



Academia



Industry and professional associations



Private sector





Dan Cimpean
General Director of CERT-RO

“The Centre will be a cornerstone of the European Union’s efforts to roll-out the upcoming Digital Europe Programme, for 2021-2027, and to invest into cybersecurity capacity and wide deployment of cybersecurity infrastructures and tools across the EU, for public administrations, businesses, and individuals. We are committed to not only host the Centre in Bucharest, but also to work together with its management, the European Commission and CERT-EU for ensuring its adequate cybersecurity protection.”

A complex institutional and strategic framework in place

The strategic dimension of the cyber security is well reflected in the strategies adopted at national level. Thus, the **National Defense Strategy for 2020-2024** represents a comprehensive framework designed to contribute to building resilience and consolidating Romania's internal security, as well as the adaptability to new security threats. In this context, **one important objective refers to ensuring the security and protection of the infrastructure in the IT&C area**, which is considered one critical element for the national security, as well as increasing the knowledge, prevention and tackling dimensions with respect to cyber threats. Furthermore, the Strategy foresees for Romania to **act in order to facilitate the implementation of the commonly agreed EU-NATO agenda** inter alia in terms of cybersecurity and countering hybrid threats.

Starting from 2013, Romania has a comprehensive National Cyber Security Strategy and a dedicated Action Plan. Romania's Cyber Security Strategy presents the objectives, principles and major directions of action for increasing the knowledge, preventing and countering threats, vulnerabilities and risks to cyber security in Romania and for promoting national interests, values and objectives in cyberspace.

Romania's Cyber Security Strategy has facilitated the creation of an integrated national system - the National Cyber Security System (SNSC) - a framework for cooperation that brings together public authorities and institutions with responsibilities and capabilities in ensuring cybersecurity and incident response. The SNSC functions as a unitary mechanism for inter-institutional relations and cooperation whose role is to supervise the coherent implementation of all measures to prevent and respond to cyber-attacks against public institutions or private companies.

The national cybersecurity framework in Romania has as a main pillar the dynamic information environment based on interoperability and the provision of ICT services, while **protecting the citizens fundamental rights and freedoms, as well as national security interests.**

Romania attaches great importance to complying with the EU legislation in this area. Thus, the national legislation has been adopted in December 2018 in order to transpose the EU Directive on security of network and information systems - **NIS Directive**, towards the development of a risk-management and security culture by the operators in critical sectors. **Romania is also in the process of revising the national Cyber Security Strategy.**

Given the importance of this area, **the Romanian Government already decided that the cybersecurity policy shall be coordinated directly at the Prime-Minister level.** The Government is also working on a national legislation that aims at the **creation of the new National Cyber Security Directorate (DNSC)** as a new, strong and capable cyber civilian actor that shall firmly position Romania as a recognized leader in cybersecurity, and help the country fulfil its commitments towards the European Union.



Romania was the first country in Europe and second in the world to set-up a single emergency number for cybersecurity incidents (1911) which is operational 24/7. The information obtained through this system contributed to the launch of several prevention and awareness campaigns, such as "Ransomware Campaign in the medical system" and "Microsoft Tech Support Fraud".

The efforts in the cybersecurity area are doubled by the acceleration of Romania's digitization process and convergence to a technology-based economy, which is being given increased importance in the overall development objectives and political decisions. To this particular purpose, the **Authority for the Digitalization of Romania (ADR)** has been established at the beginning of 2020, under the coordination of the Prime-Minister, in order to become a central pole for digital transformation of the Romanian economy and society.

Getting speed in start-ups and unicorns era

Romania is known as "the European Silicon Valley", Romanian brands that are internationally appreciated as major innovation capabilities contributing to this status: Bitdefender, Ui Path, Allview, Typing DNA, SoftVision, TotalSoft, Tremend, Qualitance, AROBS, Fortech, Qubiz, DataNet, Dendrio (Crescendo + Bitnet), Fintech OS, BitSentinel, PenTest Tools, CertSign, TransSped, e-BODA, Evolio, SensyTouch.

Within this general picture, **Bucharest is becoming progressively the largest IT&C outsourcing hub in the region**, defined by a strong high-tech service sector growing steadily, **a total of 83,840 employees in BBC and about 118 companies (SSC, BPO, IT, R&D etc.), accompanied by a considerable number of Universities/Faculties preparing highly-skilled working force.**

The growth of the Romanian IT&C start-ups ecosystem in the latest years is tremendous. According to the most recent data, **the value of the financing in IT&C start-ups in Romania in 2020 goes to 100 million euros.** Currently, the market has evolved beyond investments in "pre-seed" or "seed" start-ups, to the "follow-up" type, with ever increasing financial value and an extended portfolio and areas of investments.

Today's need for technology in every sector makes the fields of interest of investment funds to be very varied, with **cyber security growing** in the overall interest of the investors.



Romania ranks first among Central and Eastern European countries in terms of the value of investments in local start-ups in the last seven years. Thus, Romanian start-ups have attracted investments of 1.3 billion dollars (approx. 1.1 billion euros) since 2013 (according to a report published in July 2020 by Dealroom.co).

Private companies and start-ups are fully participating to the consolidation of this ecosystem. One of the global leaders in cybersecurity is "made in Romania", counting more than 500 million customers worldwide and a network of research labs in Romania – the largest such network in Europe – to combat online threats. About 40% of the antivirus and digital security companies on the market currently use at least one technology developed by this Romanian company. Furthermore, this company has fulfilled **partnerships with Europol, Interpol, FBI and police in a number of EU countries.** At the same time, dedicated partnerships were concluded with universities and high schools in training the next generation.

Furthermore, **Romania has given two tech and digital unicorns in the Central and Eastern Europe:**



Universities echoing the IT&C developments

In the 2019-2020 academic year, Romania had over 27.000 IT&C students (IT, computer science and informatics) enrolled in higher education at all levels (ISCED 5-8) both in public and private institutions. During the same academic year, the number of graduates reached 5.365 nationwide. **Romania ranks 6th among the EU Member States in number of ICT graduates, with a percentage of 4.9% of all graduates.**

IT&C Students in Bucharest and surroundings

4105	Polytechnic University of Bucharest (public institution)
1991	University of Bucharest (public institution)
421	Bucharest Military Technical Academy (public institution)
695	"Titu Maiorescu" University Bucharest (private institution)
85	"Hyperion" University Bucharest (private institution)
330	Spiru Haret University Bucharest (private institution)
467	Pitesti University (public institution)
287	"Petrol-Gas" University of Ploiesti (public institution)

The priority granted at national level to cybersecurity is also reflected in the educational system, which places as one of its main areas of interest the digital and cyber-related educational programmes. Nationwide, over 15 programs of cybersecurity developed in over 11 university centres and high schools, on topics ranging from cybersecurity of the military information systems, cryptography, digital investigations to machine learning and network security. These programs have been developed both by public institutions, such as CYBERINT and by private companies.

	University	Faculty
Security and Applied Logic	University of Bucharest	Faculty of Mathematics and Computer Science
Advanced Cybersecurity	Polytechnic University of Bucharest	Faculty of Automatic and Computer Science
IT&C Security	The Bucharest University of Economic Studies	Faculty of Cybernetics, Statistics & Economic Informatics

Master Programmes in cybersecurity are also provided in the military academic field, namely: "Security of Information Technology" held at the Military Technical Academy in Bucharest and "Communication Leadership, Information Technology and Cyber Defense" at the Faculty of Security and Defense, "Carol I" National University of Defense from Bucharest, "Maritime Cybersecurity and Risk Management Master" held at Constanta Maritime University.

Romania also provides for PHD studies in cybersecurity within the Romanian Academy, Polytechnic University of Bucharest and the Military Technical Academy.

Building high performance in research and development

Universities and academics are constantly increasing their involvement in the cybersecurity research and development area. This is mainly illustrated by the creation of **Centres of Excellence in cybersecurity studies** and research both in civil and military activities. **Romania is currently hosting several such Centres** with a huge research potential, also in partnerships with other European and international relevant actors:

- The Centre of Excellence for Advanced Cyber Security Technologies (CETASC);
- The Applied Computer Science and Cyber Security Team;
- The Centre of Excellence within the Romanian National Computer Security Incident Response Team CERT-RO;
- The Centre of Excellence within Cyberint Romanian Intelligence Service;
- The Centre of Excellence in Cybercrime (CYBEREX-RO) developed by the Romanian Police.

Romanian R&D organizations (institutes, universities) are deeply involved in development of IT&C solutions for various fields of action, covering from critical infrastructures to the most recent technological developments like IoT (internet of things), autonomous vehicles, cybersecurity, etc. Furthermore, research results are “customised” directly on user needs, both by continuous communication between research providers and users (companies, governmental agencies, etc.). Due to this involvement, few relevant projects are currently being implemented in this area, also by using European financing: “Communication protection in natural gas transport systems” and “Cryptographic Security for Automotive Embedded Systems and Networks (cSEAMAN)”.

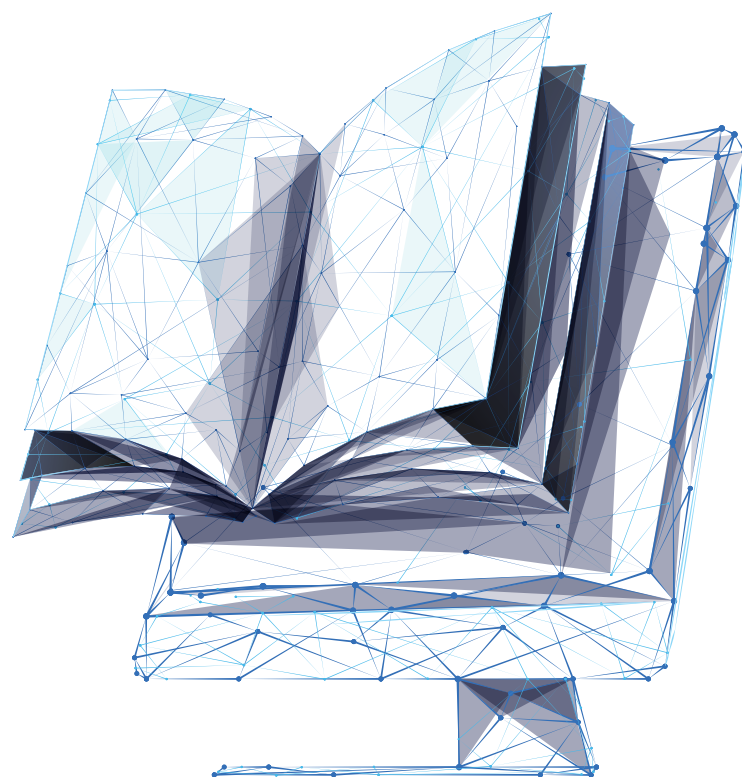
Additionally, at European level, **Romanian R&D organizations cooperate with and provide knowledge and expertise as members of pan-European consortia**. Romanian teams are perfectly integrated in the European hi-tech environment, which provide turn-key solutions to various users, as proved by several ongoing research projects:

- Defending the European Energy Infrastructures;
- Airports Landside and Air-land Side Attacks' Detection and Prevention.

R&D organizations are also currently cooperating actively with the big IT&C companies in a few projects of maximum visibility and effectiveness:

- Author identification by text correlation from web and darkweb;
- Automatic system for early detection of cyber vulnerabilities.

Romanian companies are more and more involved in research, innovation and technological activities, thanks to the very friendly and open national digital ecosystem but also in the context of the very ambitious and future proof priorities and investments plans for the digital transformation of the European economies and societies, high on the agenda of the European Commission. Thus, **two Romanian companies were nominated this year in the “Future Unicorn Award” competition** developed by European Commission through Digital Europe. **It put the two companies in the EU spotlight, thus reconfirming the contribution of the Romanian start-ups to building innovative digital products and services.**



Taking part in Digital Innovation Hubs (DIHs) in Europe

Romanian companies are teaming up and getting support through the Digital Innovation Hubs at EU level, expressing a high interest as well for cybersecurity. Being determined to bring an essential contribution to a strong EU-network of Digital Innovation Hubs, the Romanian Digital Innovation Hub has a consolidated capacity for experimentation facilities, skills and training, networking opportunities, bringing thus an important added-value to the European industrial priorities.

By promoting this integrated approach and stimulating the development of DIHs at national and European level, total investments of approximately 2.4 billion euros are expected to be injected in the Romanian dedicated market for the benefit of the whole EU. Furthermore, the direct and indirect impact on the economy is estimated to a 13% increase in GDP, an 11% increase in employment and in a reduction of administration costs by 12% in the period 2020-2025.

Creating innovations labs

Due to excellent cooperation between universities and private companies, Romania launched an important initiative in the digital innovation area, namely the Innovation Labs experience, which represents a 3-month mentoring and development program for young entrepreneurs and start-up teams and acts as a business accelerator.

Bucharest is one of the main cities in Romania hosting the project, being academically supported by the Polytechnic University in Bucharest and the Bucharest University respectively. Other major Romanian university cities are involved in this project in a Hackathon organised every year.

Developing EU financed projects a major priority

The Romanian ecosystem created and sustained a diverse and powerful set of programs, platforms and initiatives financed from both national resources and the relevant European Union's programmes like Horizon 2020, Connecting Europe Facility, Structural Reform Support Programme, etc. Flagship cybersecurity projects and initiatives implemented by Romanian actors are running:

- **Project GEIGER** (June 2020 – December 2022): submitted by CERT-RO in response to the SU-DS03-2019-2020 Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises (Horizon 2020);
- **Project Enhanced National Cyber Security Services and Capabilities for Interoperability – eCSI** (September 2017 – August 2019) submitted by CERT-RO in response to CEF TELECOM Program: CEF Telecom Call - Cyber Security (CEF-TC-2016-3);
- **CERT-RO Project National System for Critical ICT Infrastructure Protection against Cyber Threats** (December 2013 – June/October 2015) nationally project funded by "Operational Programme Increase of Economic Competitiveness" 2007-2013;
- **CERT-RO project The National System of Countering the Cyber Crime** (March 2012 – September 2014) nationally funded by Operational Program for Administration Capabilities Development;

- **Project Advanced Cyber Defence Centre - ACDC** (February 2013 – July 2015) where CERT-RO was involved to create a European community for fighting botnets, financed through the Competitiveness and Innovations Framework Programme 2007-2013;

- **RO-SAT project** of CERT-RO for early warning and real-time information system, co-financed from the European Regional Development Fund (ERDF) through the Competitiveness Operational Program 2014-2020. This project aims to increase the operational capacity of CERT-RO in order to ensure national capabilities for prevention, identification, analysis and response to cyber security incidents;

- **ANIS Fellowships for Education**, with the objective of the development of a long term partnership between the Industry and the Academic World in order to support teachers in integrating new technologies in the curricula and to use innovative teaching methods;

- **ANIS Fellowships for Education**, with the objective of the development of a long term partnership between the

Industry and the Academic World in order to support teachers in integrating new technologies in the curricula and to use innovative teaching methods;

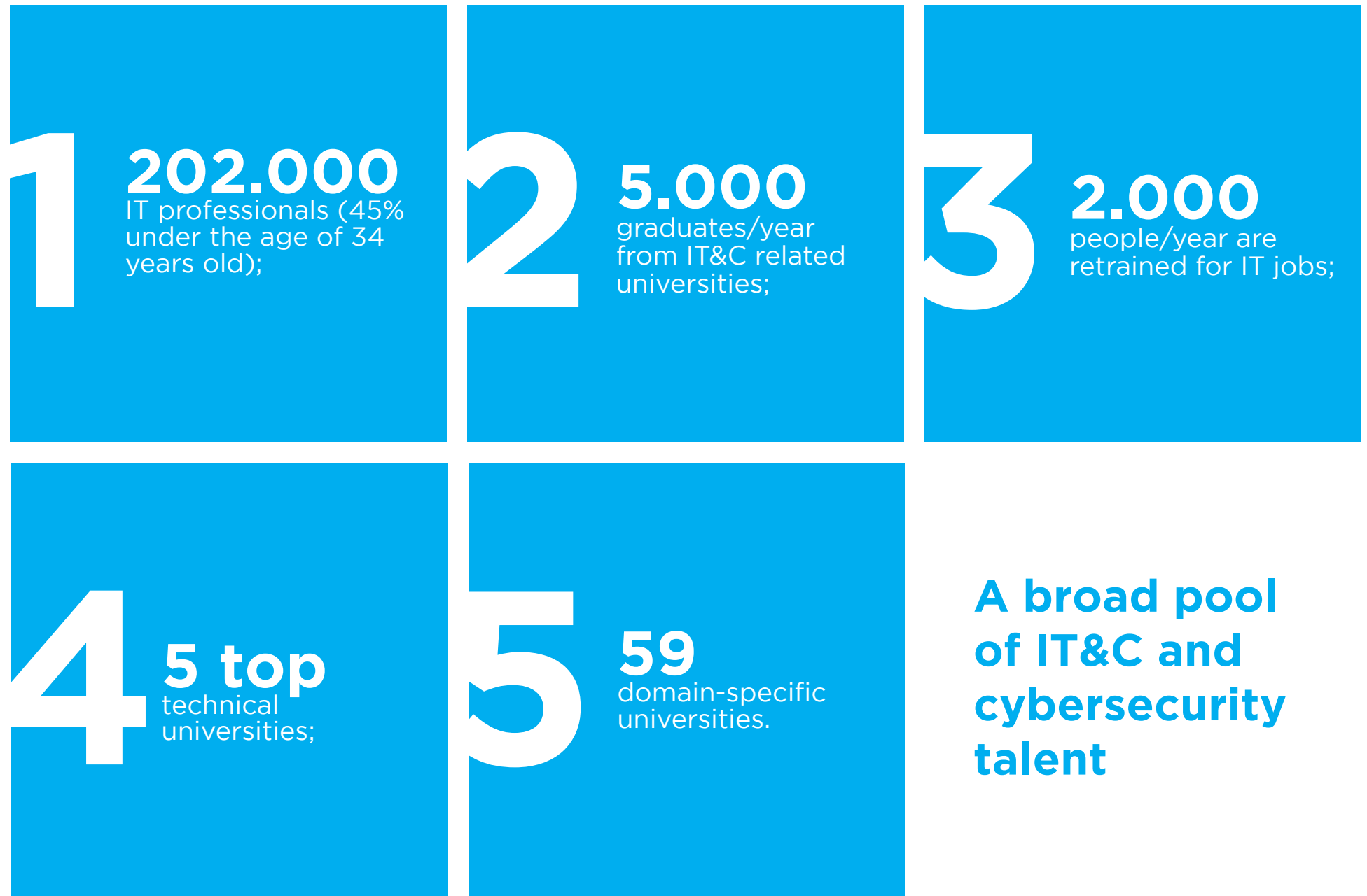
- Deloitte Romania is one of the selected private organisations invited to participate in the annual NATO Cyber Coalition and Romania National Cyber Drill Exercises as part of the offensive teams. In 2020, Deloitte Romania Cyber Risk Team was invited to join NATO Locked Shields cyber exercise, based on its previous results;

- Through Deloitte Cyber Academy, the professional training unit of Deloitte Romania, which provides internationally recognized trainings, this firm brings a contribution to educating the professionals in the information and cybersecurity field;

- Romanian R&D organizations cooperate with and provide knowledge and expertise as members of pan-European consortia. In this respect the Romanian teams are perfectly integrated in the European hi-tech environment which provide turn-key solutions to various users, in projects like: “Defending the European Energy Infrastructures” or “Airports Landside and Air-land Side Attacks’ Detection and Prevention – ALADIN”.



Key 5A+ findings



Source of data: ANIS Report, 2020

Top ranking in IT&C and cyber competitions

Romania ranked 1st in the European Cybersecurity Challenge (ECSC) 2019.

The sixth edition of ECSC, organized for the first time by Romania, brought together teams from 20 states, consisting of young students passionate about cyber security, who fought for the big trophy.

Romania ranks 4th worldwide in terms of medals obtained in all times International IT&C Scholar Competition - with 99 medals in total, out of which 28 gold medals, 45 silver medals and 26 bronze medals.

On the mid-term, the trend of increasing the value added to IT&C services provided from Romania is visible, while still focusing on growing the junior workforce. On the longer term, Romania's positioning is expected to consolidate as a target market for higher added-value services, R&D centres and significant domestic market projects that would include high-end solutions and technologies.

Temporary IT&C staff available at short notice

Romania ranks 6th in the EU in terms of number of ICT graduates. Due to the high number of public and private universities (159 faculties in 27 universities), Bucharest offers a wide range of possibilities for short notice recruitment of multilingual temporary staff.

The Bucharest IT market is mainly supplied by the Polytechnic University, University of Bucharest (Mathematics & IT&C Faculty), the Academy of Economic Studies (Cybernetics Faculty) and a range of new entry private universities which provide for key skills in infrastructure (systems, middleware); IT architecture (security, software); systems development (developers, testers); management (project, ITSM).



1st prize
European Cybersecurity
Challenge (ECSC) 2019.



4th worldwide
in terms of medals

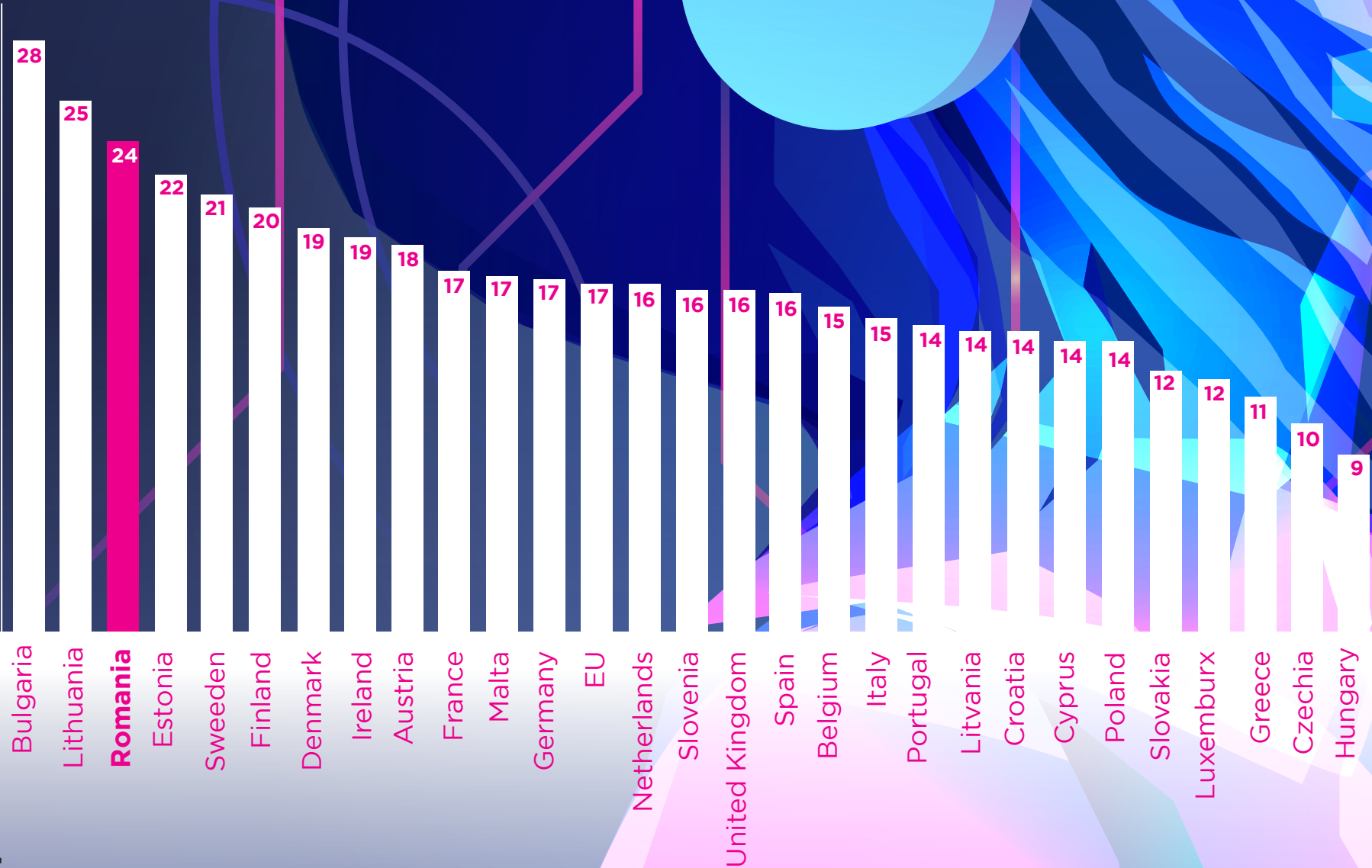


Women in tech – an important specialists’ pool

Romania ranks 3rd in the EU statistics referring to the women ICT specialists, much beyond the EU average. No less than **24% of ICT graduates in Romania are female**, providing one of the most inclusive and gender-balanced work culture and environment.

In a world where girls and young women are still under-represented in this area, Romania’s performance clearly shows that **women in Romania are valuing studies and careers in the growing field of information and communication technologies**, thus creating a huge potential for the IT&C market.

Proportion of ICT women specialists - 2018 %



A solid cyber posture on both EU and international scene

Romania is actively involved in the European cybersecurity initiatives and activities and in the relevant International fora, being recognized as a committed, transparent, strong and reliable partner, that always brings value added contributions and constructive ideas.

Cybercrime Programme Office (C-PROC) in Bucharest

Romania is hosting the Cybercrime Programme Office of the Council of Europe (C-PROC) in Bucharest. The Office became operational in April 2014 and it has implemented more than 400 projects and activities so far. By coordinating this Centre since its creation, Romania has gained excellent experience in promoting cooperation between different international partners, as well as in implementing projects and activities in the cybersecurity area. Through the coordination of this Centre, Romania is responsible for assisting countries worldwide in strengthening their legal systems capacity to respond to the challenges posed by cybercrime and electronic evidence on the basis of the standards of the Budapest Convention on Cybercrime.

The Centre is focused on providing support for:

Strengthening legislation on cybercrime and electronic evidence in line with rule of law and human rights (including data protection) standards

Protecting children against sexual violence online

Enhancing the effectiveness of international cooperation

C-PROC, with its capacity building function, complements the work of the Cybercrime Convention Committee (T-CY) through which State Parties follow the implementation of the Budapest Convention. The C-PROC is active in promoting capacity building projects, thus representing an important part of the international framework in tackling cybercrime.

C-PROC is currently developing several programmes aiming at enhancing cooperation with countries in Eastern and Southern Neighbourhood: CyberEast (Eastern partnership region), CyberSouth (Southern neighbourhood), Global Action and CyberCrime Extended (GLACY+), i-PROCEEDS 2 (covering South-eastern Europe and Turkey).

Promoting public/private cooperation

Training judges, prosecutors and law enforcement officers

Establishing specialized cybercrime and forensic units and improving interagency cooperation

Active in partnerships with other Member States and international organisations

In the context of an ever engaging NATO in countering cyber threats, Romania is cooperating with other EU and international partners, as well as with NATO Communications and Information Agency"/NCIA in the implementation of Multinational Cyber Defense Capability Development2 project/ MNCD2. As a result of this cooperation, a dedicated application - Cyber Information and Incident Coordination System (CIICS) - has been created and funded by these partners, Romania included.

CIICS provides for sharing information both within and between organizations, with the possibility of adapting it to specific national integrated procedures and acting as an interoperable platform with other information sharing systems (such as MISP- Malware Information Sharing Platform).

Romania has already installed CIICS application within the project "National system for the protection of IT&C infrastructures of national interest against threats from cyberspace". The implementation of this application at national level allows for rapid response teams to cyber security incidents within institutions to collaborate through it with both the National Cyberint Center or CERT-RO, as well as with CERT-type entities within the Ministry of National Defense (Ministry of National Defense), Ministry of Internal Affairs (MIA) or Special Telecommunications Service (STS).

Furthermore, Romania takes part, together with other EU member states and international partners in the MNCD2 project and coordinates one of the three workpackages ("Working Package 3" - infrastructure for collecting and correlating data from distributed multiple sensors). Romania also participates in the project launched by Portugal in terms of education and training in the field, Multinational Cyber Defense Education and Training - MN. CD E&T and coordinates one of the work programs, related to "Development of a common taxonomy".

Romania is actively cooperating with the NATO Cooperative Cyber Defence Centre of Excellence in Tallinn and participated in different dedicated exercises run by this Centre. Romania is host of some of the most important international cyber exercises, such as SOPEX, BlueOlex, CyDex, Cyber Europe exercise, LockedShields, Cyber Coalition. Experts from both public and private institutions in Romania are involved in these exercises.

Romania is also highly engaged in cyber projects within the Organisation for Security and Cooperation in Europe/OSCE. Romania exercised from 2013 to 2016 the position of EU case manager within OSCE in the field of cyber, elaborating EU positions and representing EU in the negotiations. Furthermore, the Structured Dialogue process was launched during the holding by Romania of the rotating presidency of the Security Cooperation Forum (FSC) within OSCE. Romania's main contribution was the initiation of the negotiations on the use of the OSCE Communications Network in the implementation of CBMs.

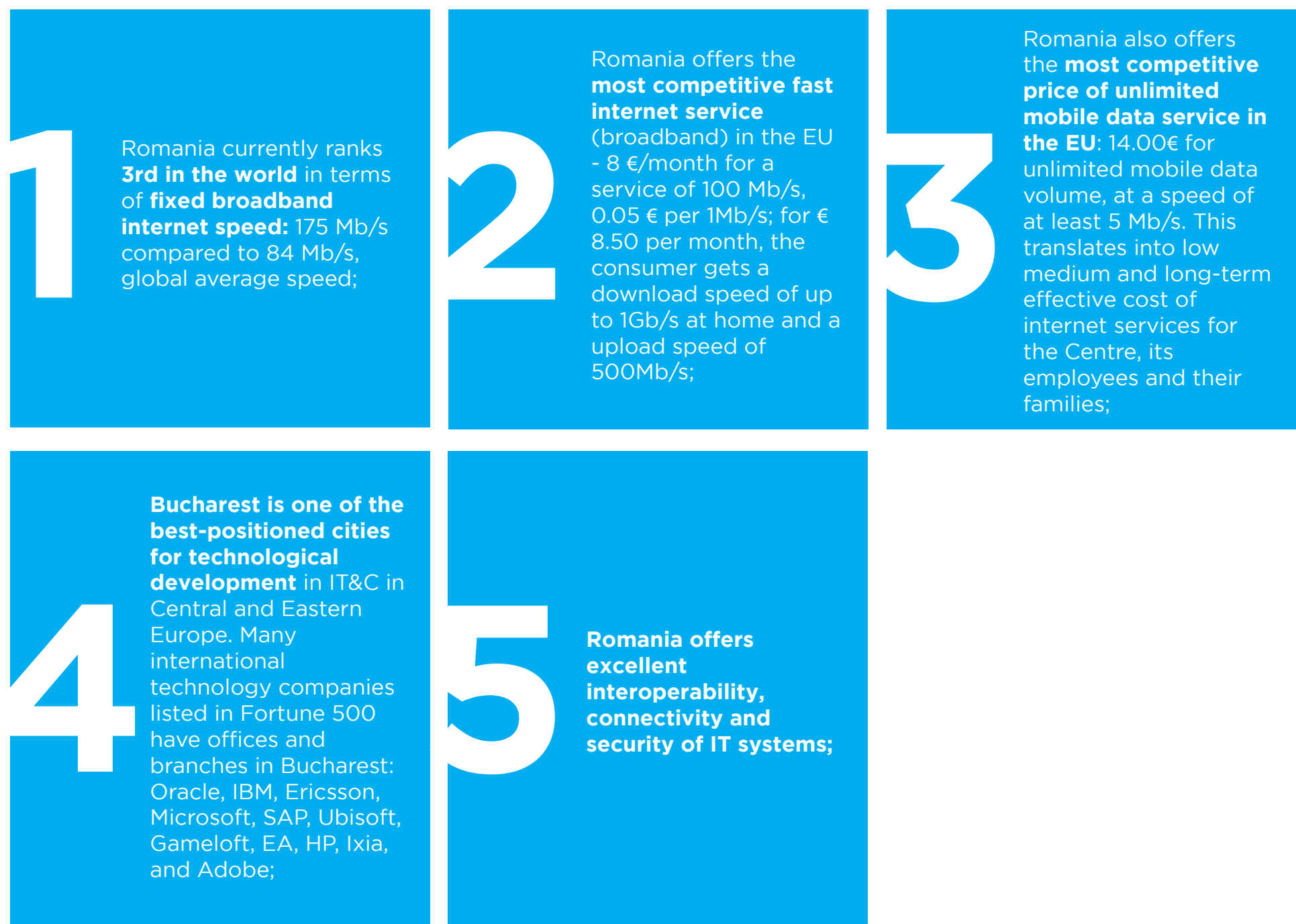
Romania's role within OSCE is highlighted in the promotion and operationalization of CBMs by joining the promotion of CBM 16 and CBM 15. Romania participates, together with The Netherlands, the Czech Republic and Hungary, in promoting within the OSCE the implementation of CBM 16 (coordinated vulnerability disclosure), as well as and the implementation of CBM 15 (critical cyber infrastructures) together with France, Slovakia and Spain.

Romania brings an effective and meaningful contribution to both UN processes on security in the use of ICTs, participating since 2019, through its nominated expert, as an active member in the new United Nations Group of Governmental Experts/UNGGE on Advancing responsible State behaviour in cyberspace in the context of international security and also in the activity of the complementary Open Ended Working Group/OEWG on Developments in the field of information and telecommunications in the context of international security.

Connectivity, security and interoperability

Romanian IT&C sector has a huge potential of development, being the **second most important sector in the national economy (6% of Romania's GDP)**.

Key **5A+** findings



The Romanian IT&C market has a consolidated value of over 5 bln. EUR, contributing to the dynamic evolution of the GDP. A consistent number of widely established communication services and connectivity providers, as well as local players of regional dimension currently provide services in Bucharest, namely: Orange, Vodafone, Telekom, RCS & RDS, UPC, Euroweb, GTS Telecom and Prime Telecom. They provide for a large range of services, covering “traditional” services such as fixed and mobile telephony, internet access, broadcasting and video&data transmission as well as added-value services including security or IT support.

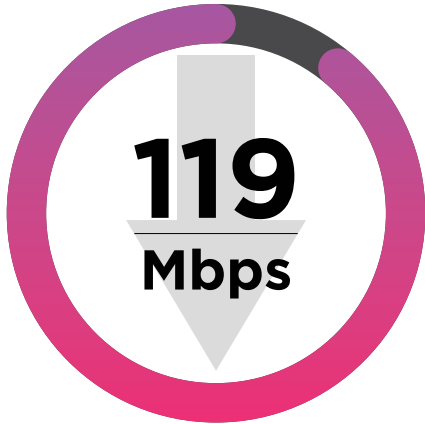
Romania offers highly competitive internet services within EU both in terms of speed and data transfers possibilities, as well as in terms of costs. Thus, Romania currently has 175 Mb/s broad-band internet speed (compared to 84 Mb/s, global average speed). According to the latest monthly “Speedtest Global Index” by Okla for August 2020, Romania ranked third in the world and first among European countries with the highest average peak fixed internet speed. The average peak speed was 175 Mbs as reported by this index. Furthermore, Romania offers fast internet service at very competitive prices - 8 Euro/month a service of 100 Mb/s; for 8,5 Euro/month for a download speed of up to 1Gb/s at home and a upload speed of 500Mb/s.

The price of mobile data service is also the most competitive in the EU – 14 Euro for unlimited mobile data volume, at a speed of at least 5 Mb/s. Mobile voice and data services tariffs are between 2 Euro/month and 9 Euro/month. Fixed internet tariffs do not exceed 11 Euro/month for services with speeds up to 1.000 Mbps through optical fiber.

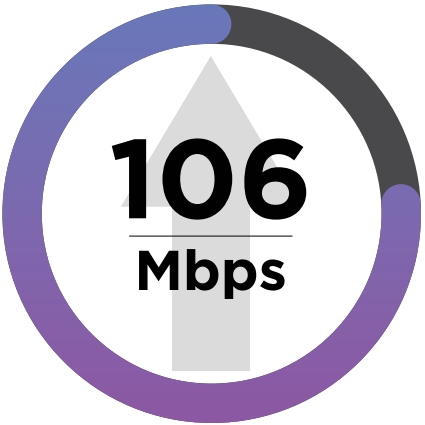
Strategic investors (IT corporations) and entrepreneurs have been active during the past 10 years. Investment funds and “business angels” are increasingly visible on the market, analyzing different opportunities to join high-potential local IT companies.

Based on the number of employees and turnover, the first 5 IT companies in Bucharest and Romania are multinationals such as Oracle, IBM, Ericsson Telecommunications, Microsoft, Atos IT Solutions and Services.

Bucharest is the largest start-up hub in the country with over 130 start-ups and the home of many tech companies and venture capitalist firms as well as universities focused on technology, engineering and software development.



Average download speed



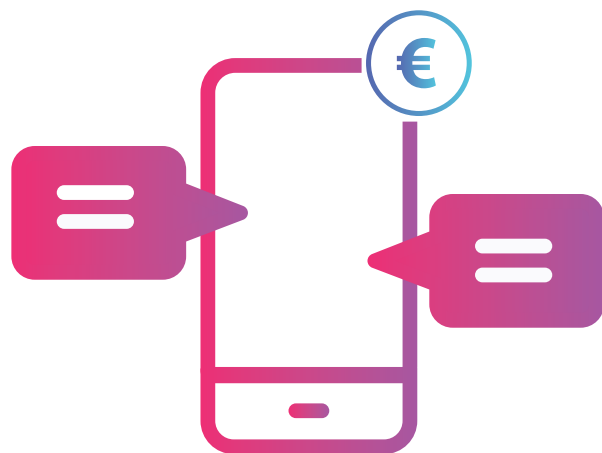
Average upload speed



No.1 maximum internet speed in EU



11 Euro/Month
internet service maximum cost
(speeds up to 1000Mbps through optical fiber)



9 Euro/Month
voice and data services
maximum cost

Mobile connectivity and 5G

Four operators are providing mobile communications with **national coverage**: Orange, Vodafone, Telekom, RCS & RDS, ensuring a highly competitive environment for service provision. All of them have **100% coverage in Bucharest, using advanced technologies**, such as HSDPA, HSUPA, LTE and LTE Advanced, which helps them sustaining high data transfer rates.

The extensive high capacity mobile coverage is doubled by the introduction of advanced service features such as VoLTE – high quality of the voice service and simultaneous voice and high capacity data transfer or WiFi calling – extending indoor mobile coverage via WiFi access.

Romania has already started deploying 5G, which will add increased transfer capacity and wider range of services. The Government is currently working on the legal framework regarding the competitive selection procedure related to award of additional radio frequencies, aiming to allocate them as soon as feasible, to be available for the full rollout of 5G mobile networks. Furthermore, the **5G network in Bucharest has now been expanded by one mobile operator to cover the entire city, while the commercial services are provided to other major urban centres by multiple operators.**

One of the strong points of Bucharest's communications infrastructure is the **wide spread of optical fiber networks**, leading to superior internet access and data transmission rates, the foundation of the future Gigabit society. **Bucharest's NetCity project, the underground infrastructure for optical fiber**, is an innovative project and one of the large investments made in the city's communications infrastructure, in line with the European socio-economic development policy for local communities.

Bucharest hosts several public data Centers of European dimension, able to ensure optimal collocation and/or operation of equipment, including back-up and disaster recovery services, as well as high capacity connections with European and global content and connectivity providers.

Two public internet interexchange points operate in Bucharest, ensuring strong connectivity with ISPs active at national level, as well as with global carriers; this is helpful in providing reliability and redundancy of communication paths.

It should also be added that **fixed internet is provided by the main companies offering services in Bucharest at speeds between 500 and 1000 Mbps.**

Security and interoperability

In the context of the National Strategy to promote digitization, **several projects are being implemented under the coordination of the Romanian Digitalisation Authority, which contribute to an increased interoperability of different Romanian e-government services at national level, as well their interactions with similar structures in other EU Member States:**

- **The Interoperability System with the EU Member States (SITUE), which consists in setting-up the eIDAS node for Romania and interconnecting with the eIDAS nodes of the other EU member states,** as well as with the electronic identity service providers in Romania. SITUE will be used for national and cross-border authentication of persons in their relation to e-government service providers and will allow the communication between the national electronic identification infrastructure and the national electronic identification infrastructures of other EU Member States.
- **The project "Centralized Software Platform for Digital Identification - PSCID"** aims to create a platform for electronic identity, which will provide the gateway for electronic eGovernment services. This will ensure stronger and more secure tools and ways of electronic authentication for accessing and using public electronic services and a unitary and centralized management of the citizens' electronic identities, their credentials.
- **Creation or upgrading of the e-government information systems involved in the "life events" of citizens and companies.** Essential aspects of a company's interaction with the administration will become fully digital: obtaining financing (state aid, various forms of support, environmental fund), registration of assets (cars), pursuing lawsuits, collecting taxes, etc. (EGOV).
- **The shift of public services into a government cloud,** in order to reduce the costs of companies in interaction with the state and, in the long run, even the need to finance some services. The value of the project is estimated at 45 million euros.





The Romanian Special Telecommunications Service (STS) is ready to provide TESTA connectivity for the Centre

The current TESTA (TESTA-ng) connects more than 750 public entities in the EU and beyond and is meant for sensitive pan-European information exchanges between public authorities requiring guaranteed service levels for network availability, performance and/or security (confidentiality, integrity, authentication, availability).

In Romania, the local support for the Centre with regard to the TESTA connectivity will be ensured by specialized personnel from the Special Telecommunications Service (STS), the central specialized structure, with legal status, which organizes and coordinates the activities in the special telecommunications field for the Romanian public authorities and other users as provided for by the law. STS is part of the Romanian national defence system.

An aerial, long-exposure photograph of a city at night, showing a dense urban landscape with numerous buildings and a major highway. The highway is filled with light trails from moving vehicles, creating a sense of motion and traffic flow. The overall color palette is dominated by warm, golden-yellow and orange tones, suggesting the glow of city lights and streetlights.

03

Accessibility

Key 5A+ findings

1

Bucharest is well-connected to all EU capitals - more than 120 flight destinations in Europe; several daily flight connections to Brussels;

2

Bucharest transport network is one of the safest and most cost-effective in Europe;

3

Excellent and cost-effective accommodation is guaranteed - 5* and 4* hotels are available at a walking distance; modern and accessible rental opportunities are available;

4

Bucharest is one of the most attractive and vibrant educational hubs in Eastern Europe with 12 international schools;

5

Incredible job opportunities in Bucharest; it is extremely easy to find a job both in traditional economic areas, as well as in services and highly skilled activities.

Airports

Bucharest Henri Coandă International Airport (OTP) is located 18 km away from downtown Bucharest. The airport facilities include ATM, currency exchange office, Taxi Desk and cell phone rentals. All major car rental companies have offices located on the arrivals/ baggage claim area. The airport also provides a wide area of restaurants, retail and duty-free offers.

Starting from December 2020, the airport will have a direct train connection to the city, passengers being able to reach the city’s main train station in only 20 minutes.

Direct airlink with European capital cities: Within 2-4 hours flight time, direct, regular flights operate from the airport to 126 European destinations in 36 countries, out of which 22 European capital cities before the pandemic (2019) and 113 European destinations in 34 countries, out of which 19 European capital cities post – pandemics. The airport is planning to further develop its infrastructure in order to accommodate future passenger traffic. Development plans include a new “green” passenger terminal that will offer passengers an exclusive travel experience in an environmentally friendly facility.

Scheduled domestic flights from / to Cluj-Napoca (CLJ), Iasi (IAS), Oradea (OMR), Satu Mare (SUJ), Sibiu (SBZ), Timisoara (TSR), Arad (ARW), Baia Mare (BAY), Craiova (CRA) and Suceava (SCV) depart from / arrive to Henri Coandă Airport as well.

Connections between Bucharest Henri Coandă Airport and the city center or main train station are ensured by three express buses, 780, 783 and 784 who operate at a succession interval of 15-30 minutes. The journey to downtown takes approximately 30 minutes.

Aurel Vlaicu International Airport from Bucharest (BBU) is only 8,5 Km away from the city center and is the second airport in Bucharest area, mostly used for business aviation and private planes.

Starting from 2021 the airport will once again be open to accommodate commercial traffic, with a completely refurbished passenger terminal and dedicated facilities.



Excellent international flight connections



Easy access all over the city

Metro

Bucharest current metro network has 78 km of double track, structured on five highways and 62 stations.

This subway lines are using modern trains and stations provided with safety and comfort facilities (waiting time electronic display, accessibility for passengers with disabilities) – fare for 2-trips is about 1,10 Euro.

Security in public transportation represents a priority for Bucharest. Passenger security in the Bucharest subway comprises video surveillance of passenger flows (CCTV), security personnel for access to the platforms and security personnel in the subway trains.



**Henri Coanda
International Airport**



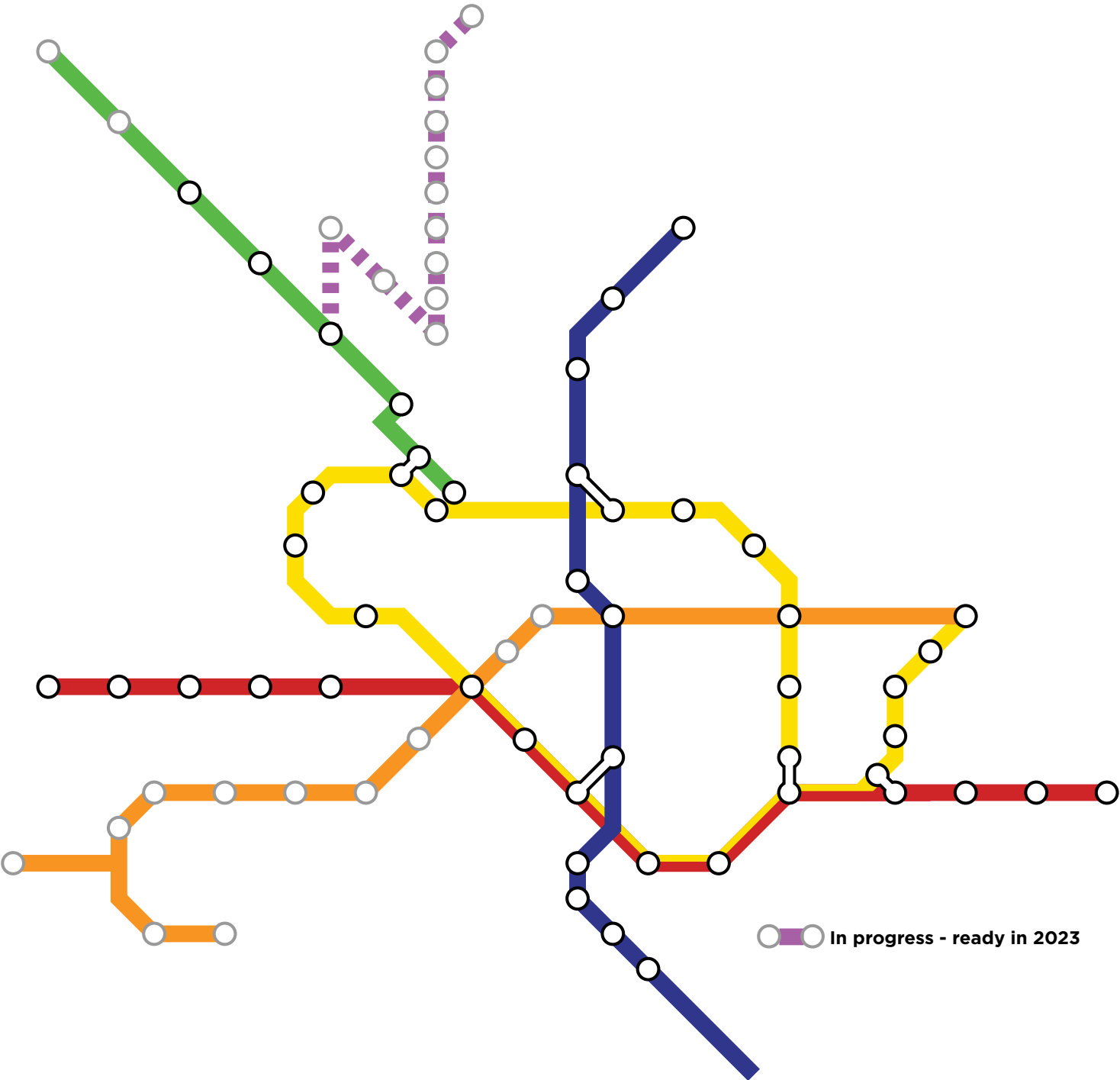
62 stations



**78 km
of double track**



**2 trips
1,10 Euro**



Bicycle rental and bicycle lanes



Friendly bike rental facilities and cycling infrastructure with major expansion prospects play an important role in the city transport system. The General Council of Bucharest has approved a project for construction of 42 bicycle circuits in Bucharest, besides the existing ones. All major cities in Romania, including Bucharest, have their local or national bicycle rental companies. On average the bicycle rental per day in Bucharest is between 5 lei and 80 lei, or 1,12 euro and 17,78 euro.

The first automatic stations for renting bicycles have been launched, l'Velo Urban. These bicycles provide better mobility for the citizens, being placed in the most important places in Bucharest, on the routes with the highest inflow of public transportation travellers. The automatic bike-sharing stations are: Piața Universității, Piața Revoluției, Piața Romană, Piața Victoriei, Piața Charles de Gaulles, Kaufland Barbu Văcărescu, near the metro stations.



Taxi

Taxis are widely spread across Bucharest. The taxi fares are much more affordable compared to other international destinations starting from around 0,3 euro per km. All the registered taxis have a meter and can issue a receipt. Drivers are required by law to post their rates on their doors or windscreens.

Ride-sharing services



App-based ride-sharing services such as Uber, Bolt and Taxify operate in Bucharest. Rates are comparable to or slightly cheaper than regular, licensed taxis.

Electrical scooters



A wide range of electric scooters renting applications is available. Lime, E-TWOW, Flow scooters have enabled hundreds of thousands of rides throughout the city and become a staple of urban mobility in the Romanian capital.

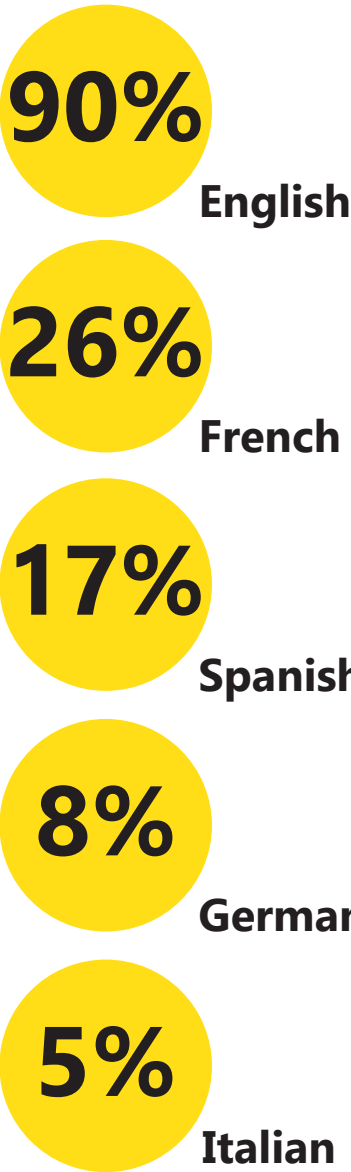
Higher education

At higher education level, no less than **108 Bachelor and 132 Master programmes** are taught in English, French and German.

Most Bachelor’s programmes in Romania take 3 years to complete. However, some programmes take longer depending on the field of study, for example medicine or architecture. Master’s programmes (MA) take 2 years beyond the Bachelor’s degree.

The **Higher Education Institutions** in Romania recognise the study periods abroad in one of the higher education cycles according to the national and international legislation and good practices in this field. The European Credit Transfer System (ECTS) is compulsory in Romanian universities.

Languages studied by Romanian students



Top 5 University Centers

Bucharest - 34 Universities
(126,709 enrolled students/39,727 graduated)

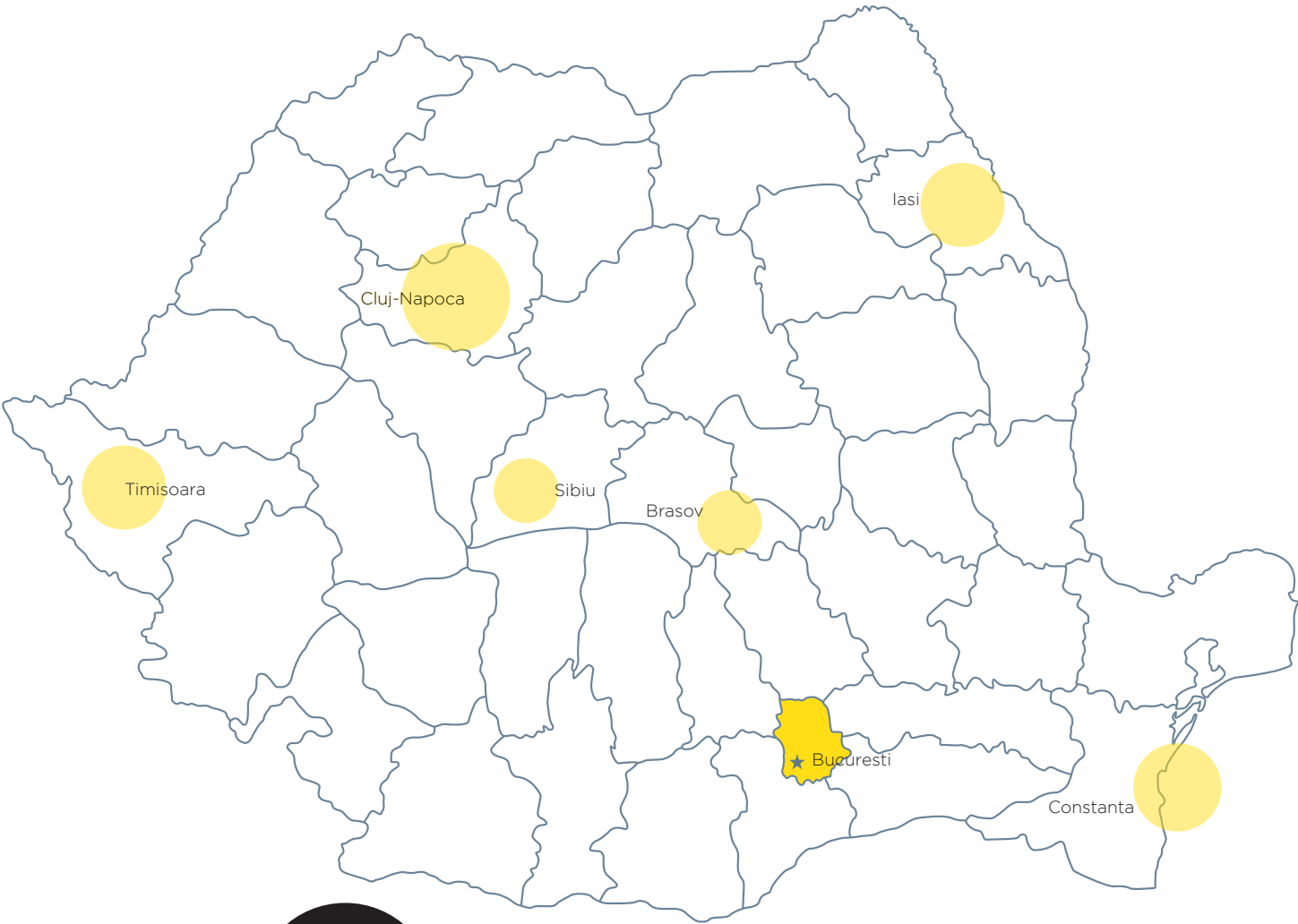
Cluj - 10 Universities
(51,698 enrolled students/13,603 graduated)

Iasi - 8 Universities
(40,828 enrolled students/11,428 graduated)

Timisoara - 6 Universities
(31,190 enrolled students/7,978 graduated)

Constanta - 5 Universities
(19,195 enrolled students/4,976 graduated)

Source: National Institute of Statistics, World Economic Forum



97% of Romanian high school students study two or more foreign languages.

Excellent education facilities for children

Bucharest is **one of the most attractive and vibrant educational hubs in Eastern Europe.**

The educational offer in Bucharest is very diverse and has a strong multilingual orientation, including a **wide range of modern curricula and fields of study.** It has evolved over time, taking into consideration the labour market's dynamics and needs, catering to an increasingly diverse population in terms of nationalities and cultural backgrounds.

Bucharest offers a **wide variety of public and private high-quality educational institutions for all ages,** from nurseries, kindergartens, secondary schools, to high schools and higher education institutions, which deliver numerous education programmes in foreign languages, both as mother tongue or in a bilingual system.

From the **450 public primary and secondary schools** and **32 public and private higher education institutions** operating in Bucharest, an increasing number of education establishments, from pre-school to higher education, feature strong international profiles.

More than 40 public and private education institutions are offering primary and secondary education programmes in 8 EU languages (English, French, German, Italian, Spanish, Portuguese, Hungarian and Bulgarian). Moreover, **9 international schools are operating in Romania according to other EU member state curricula.**

Public education in Romania is free of charge.

450 

public primary and secondary schools

32 

public and private higher education institutions

40  

in 8 EU languages

9 

international schools

Accommodation and housing

Accommodation

Bucharest offers a wide range of accommodation to support/facilitate experts' and delegates' travel experience - with over 540 hotels and 13.000 hotel rooms ranging from exclusive to mid-range. Major international hotels are also present in the city.

Stars	Hotels	Rooms
★ ★ ★ ★ ★	11	1.983
★ ★ ★ ★	63	5.146
★ ★ ★	387	4.910
★ ★	59	1.088
★	20	339
Total	540	13.466



540 hotels



13.000 hotel rooms

Housing

When it comes to housing, Bucharest has a diversified offer, suitable for all budgets and demands.

From the refurbished old chic spaces, in the luxury central area of the city, to the huge offer of spaces in new buildings built especially in the north of the capital, the diversity of the offer will satisfy all needs and requirements. Large villas are also available in various districts of Bucharest.



+30 000
apartments for sale
+5 000
apartments for rent

Source: www.imobiliare.ro

The housing market in Bucharest offers:

- ✓ Moderate costs
- ✓ Moderate to good rental yields
- ✓ Landlord oriented national legislation

Medical care

Healthcare services in Romania have evolved during the past few years and especially since the country joined the European Union in 2007. In 2018, 23.371 hospital beds were available in Bucharest.

Currently, Bucharest has a considerable number of hospitals comprising all specializations, intensive care units and outpatient cabinets for all sections, with highly specialized staff and top performance medical equipment.

We can mention the university hospitals Floreasca Emergency University Hospital, the Bucharest University Emergency Hospital and the Fundeni Clinical Institute, the Coltea Hospital, all with highly specialized medical teams with European and worldwide recognition.

Bucharest offers excellent public childcare facilities such as the pediatric Hospitals-Marie Curie and Grigore Alexandrescu, with a capacity of approximately 500 and 400 beds respectively, alongside with specialized departments for pediatric care within each public hospital in the capital, as well as 9 public maternities, most of them recently modernized through state funds or European and World Bank funds.

There is also a large number of private operated clinics and hospitals, all with experienced and trained staff. The private system is attractive to expats, as these hospitals boast the latest state-of-the-art equipment and technology and have modern facilities. Most medical staff in private facilities can communicate fluently in English.

Emergency care is available free for everyone including those without state healthcare insurance. However, once the condition is stabilized there is need for proof of the insurance status. Emergency treatment is provided at patient's emergency rooms in all hospitals, which are open non-stop all year round.



An overhead photograph of four business professionals (three men and one woman) seated around a light-colored wooden conference table. They are all looking down at documents or laptops, appearing to be in a collaborative meeting. The image is semi-transparent, allowing the text to be overlaid clearly.

Access to the labour market and to the social security system

The labour market in Bucharest

Bucharest and its surroundings offer the largest labour market in the country, with a dynamic and diverse business environment with soaring competitiveness indicators. Bucharest is the main industrial hub in the country.

Bucharest-Ilfov region is the most developed region in Romania, with the highest GDP per capita. Due to the opportunities provided by the capital city, the employed population tends to have a high level of training and qualifications.

The economic environment in this region is attractive as a result of direct investments, the existing institutional structure, a skilled workforce and a communications system which is more developed than in other regions in the country.

On 1 January 2019, according to the Labour Force Ledger, 1 535 200 persons were employed in this region, of whom 89.4% were in civilian employment. The rate of registered unemployment as at 31 March 2020 was 0.8%, the lowest at national level, with 15 700 unemployed persons.

Bucharest also witnesses the fastest growth rates in sectors such as the building and real estate sector. Other highly dynamic sectors are the retail, distribution and management sectors. The economic environment in this region is highly attractive, as a result of direct investments, the existing institutional structure, a skilled workforce and an excellent communications system.

Employment opportunities for expats

Foreign nationals are mostly employed in the Business Services Sector (BSS), the headquarters of multinational corporations, consulting companies or international law firms.

How to Look for Work in Bucharest

“Bucharest is a very fast developing industrial city, finding a job there will not be of great difficulty especially if you are a versatile and skilled worker. There is a high demand for English, German, French, Polish and Italian speakers as more opportunities in customer service, marketing and sales are coming up on a regular basis. On the one hand, there is a growing start-up culture in Bucharest in tech and IT. On the other, more and more present big international companies are choosing the city as it is cost-effective. For the last decade many new business centres are being developed and are flourishing.

As mentioned there are a lot of opportunities for candidates who speak different European languages who want to build their career in a multinational company. The good news is that, as there is low competition, job opportunities come with great benefit packages. Try encountering different options on LinkedIn and Indeed as well as on Europe Language Jobs for the latest jobs in Bucharest for internationals.

In addition, a range of other freelance jobs are available for you. A popular freelance option are copywriting positions. Check out Best Writers Online to get an insight of this popular industry.”

Source: Europe Language Jobs BLOG

Major consulting companies:

Ernst & Young, Accenture, Deloitte, KPMG, PwC, McKinsey, BCG, Roland Berger, Colliers, Cushman & Wakefield

Major international law firms:

Allen & Overy LLP, Martinez-Echevarría, Perez & Ferrero Lawyers, Squire Sanders, White & Case, Dessewffy, Dávid and Partners Law Office, Rokas Law Firm, Eversheds Sutherland, DLA Pipers Dinu SCA, Dentons, Wolf Theiss, Noerr Finance&Tax SRL, Clifford Chance, Kinstellar SCA, Leroy&Associates.

Top employers in the BSS sector:

OMV PETROM SA, Kaufland Romania SCS, Auchan Romania SA, Carrefour Romania SA. Mega Image SRL, Adecco Human Resources SRL, Telekom Romania Communication SA, Romania Hipermarche SA, Metro Cash & Carry SRL, Lugera&Makler SRL, Mercer, Accenture, GSK, Pfizer, Novartis, Abbvie, Abbott, Roche, MSD, Merk, Microsoft Romania, IBM Romania, Daimler Benz Romania.









04

Attractivity

5 reasons for moving to Bucharest - Romania

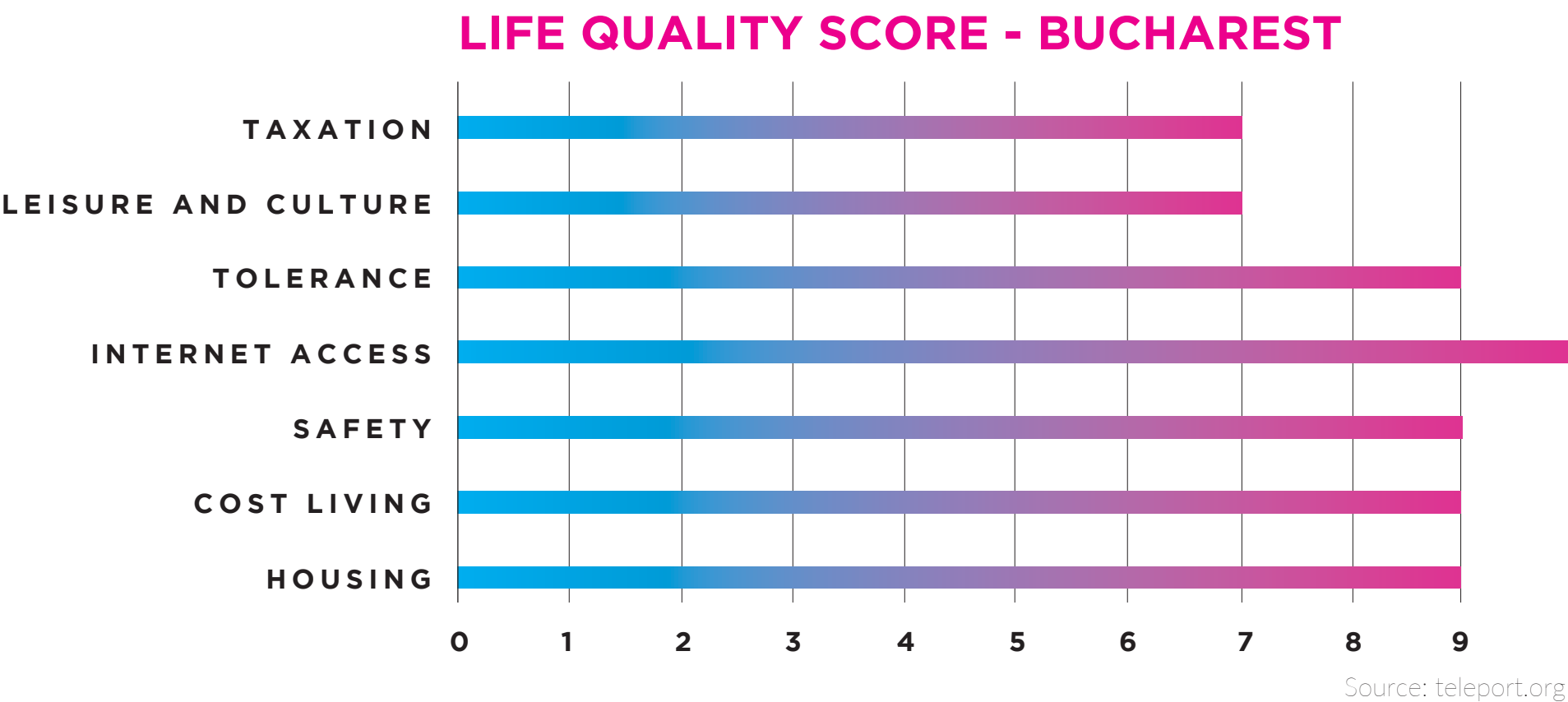
- 1** Low cost of living, a healthy and good life

- 2** The internet Heaven on Earth

- 3** Low university fees

- 4** The Romanian food is great

- 5** Romania has a wonderful scenery



Source: expatcenter.ro

Quality of life in Bucharest

Bucharest offers excellent living standards, in terms of both **affordability and attractiveness**, that will definitely make the staff of the **Cyber Centre** feel at home in the Romanian capital. According to the Mercer Quality of Life Survey, **Bucharest consistently ranks in the first half of all the cities under assessment.**

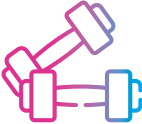


Affordable way of living




Meal for 2 People
Mid-range Restaurant

€30




Fitness Club
Monthly Fee
1 Adult

€38



1 hour
tennis court
weekend

€14



Cinema
International Release
1 Seat

€6

Source: Mercer's 2020 Cost of Living Survey

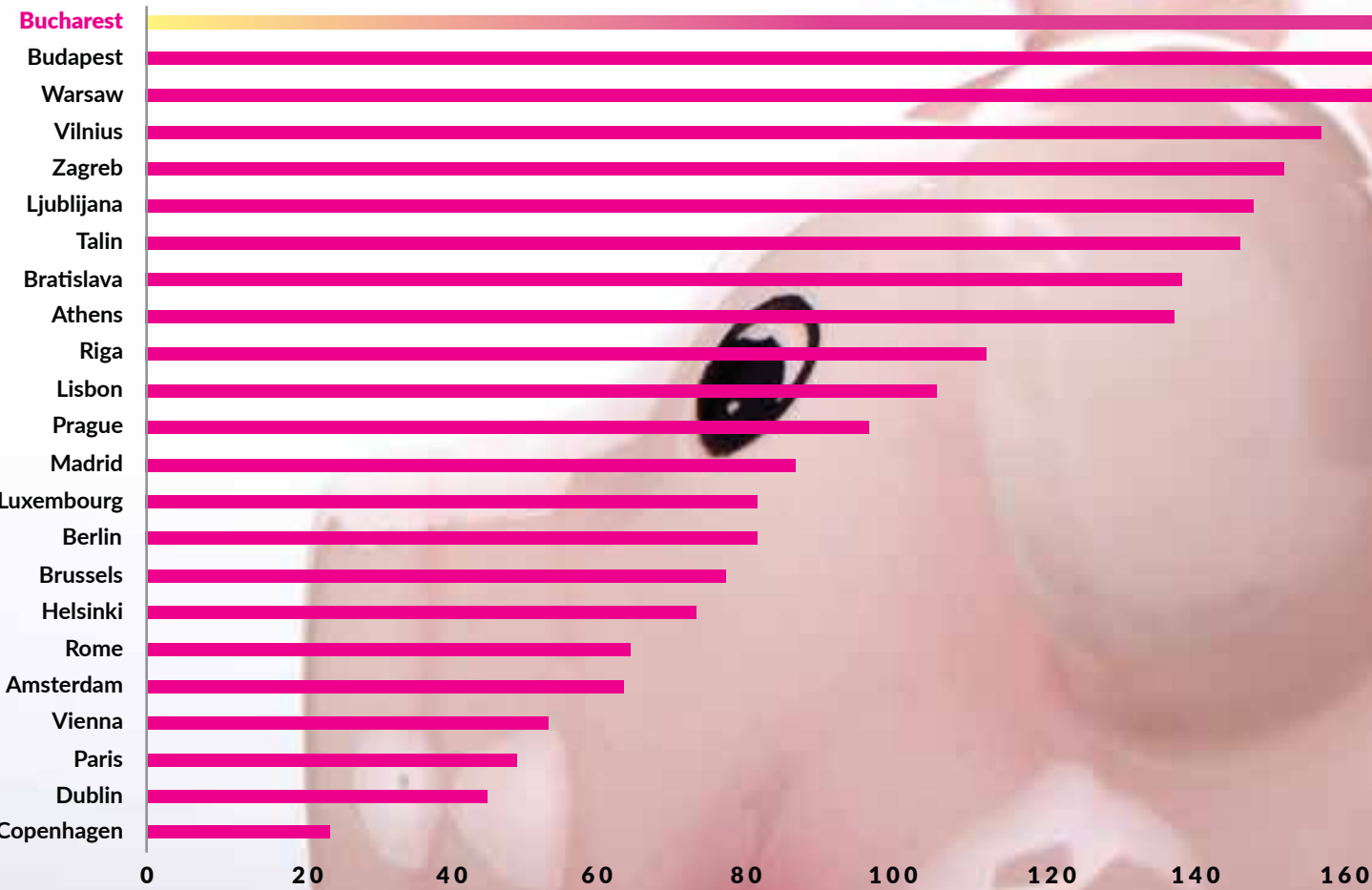
Bucharest is one of the most dynamic and vivid cities in the European Union and, particularly, in the Southeast region. According to the Globalization and World Rankings Research Institute, which is considered the leading institute ranking the world's cities, **Bucharest is ranked as a Beta+ city.**

Moving to Bucharest will also, very likely, decrease the daily costs, since the **cost of living is approximately 50% lower when compared to other EU major cities** (Vienna, Berlin, Paris).

At the same time, according to Mercer's Cost of Living Survey made public in June 2020, **Bucharest ranks first among all EU capitals in what concerns the most affordable cost of living.**



COST-EFFECTIVE CITIES IN EU - COST OF LIVING INDICATOR



Cost of living

	Bucharest	Berlin	Paris
Consumer Prices	€100	€140	€155
Rent Prices	€100	€158	€170
Restaurant Prices	€100	€131	€152
Groceries Prices	€100	€138	€163
Standard of living equivalency net salary	€1,966	€3,600	€4,898

Source: Numbeo

Cost of accommodation in Bucharest

RENT PER MONTH	Bucharest	Berlin	Paris
Apartment (1 bedroom) in City Centre	€409.62	€912.03	€1,202.60
Apartment (1 bedroom) Outside of Centre	€285.70	€670.58	€840.78
Apartment (3 bedrooms) in City Centre	€722.18	€1,743.84	€2,629.17
Apartment (3 bedrooms) Outside of Centre	€489.71	€1,265.44	€1,734.69

BUY APARTMENT PRICE	Bucharest	Berlin	Paris
Price per Square Meter to Buy Apartment City Centre	€1,851.04	€5,602.56	€12,144.70
Price per Square Meter to Buy Apartment Outside of Centre	€1,159.27	€3,813.79	€9,028.24

Source: Numbeo

Public transport

Bucharest provides an **entire range of transportation means**, including subway, tram, taxi or equivalent. The price of public transportation, as well as for fuel is among the most affordable in the EU.



One-way Ticket (Local bus/tram)	€0.31
Monthly Pass (Regular Price)	€14.35
Taxi Start (Normal Tariff)	€0.41
Taxi 1km (Normal Tariff)	€0.41
Gasoline (1 liter)	€1.07





A safe life in Bucharest

Romania is a pillar of stability in the region.

Citizen safety is at the highest level. Criminal behaviour is kept under control, the rate of serious violent crime being low (only 0.2% of all notified offences) and not characterized by severe forms of manifestation.

Bucharest is one of the safest capitals in the EU (with a crime rate of less than 1% per 100,000 inhabitants), offering its citizens a safe place to work and live.

Bucharest: A Safe City



Every day = new opportunities for leisure and entertainment

*Bucharest is much more than the biggest administrative and economic metropolis of Romania. **It is a city that inspires architecturally, historically and culturally. It provides numerous opportunities for leisure and entertainment.***

*Known for the glorious Belle Époque buildings and a reputation for the high life (which in the 1900s earned its nickname of "**Little Paris**"), Bucharest is today an **active and vivid capital**. Today, its architecture is a mix of historical (neo-classical), interbellum (Bauhaus and art deco), communist-era and modern styles.*

***The Old Town** is one of Bucharest's earliest settlements, where structures date back to the 15th and 16th centuries. Throughout time, it was the seat of Romanian princes (Old Princely Court), a center for trade, a place to worship, and a crossroads for travelers. The Old Town has been renovated and brought to its old glamour. Its historic architecture combined with an electric atmosphere given by the plentiful restaurants and cafés create an irresistible attraction for tourists and locals alike.*

***Old historical buildings are given a new life, as they are transformed with modern amenities for exclusive destinations. Carturesti Carusel** is one of these buildings, which are fitting "old" and "new" for an extraordinary result. Undoubtedly, one of **the most beautiful bookstores in the world** and one of the largest in Central and Eastern Europe, Carturesti Carusel offers the opportunity for spending pleasant and quiet time and enjoying book reading accompanied by a good cup of coffee.*

*Old churches, French style villas, but also modern buildings and fancy restaurants, surrounded by beautiful parks, make **Bucharest a great place to live and work in.***



A rich and entertaining cultural life

Bucharest's cultural life is a rich mix of strong traditional culture, represented by a performing arts sector - theatre, opera, dance and music - as well as a large and diverse network of museums and a mass culture, represented by an increasing number of open air festivals, concerts and events and a rapidly developing contemporary arts scene.

Moreover, there is a growing number of cultural operators from the entrepreneurial sector. These include, besides the traditional areas of cultural industries such as multimedia, cinema, audiovisual, music, publishing, cinema, the more edgy domains of video games, interactive media, design, craftsmanship, architecture, etc. The vibrant cultural life is also supported by **a great number of foundations implementing artistic and cultural projects**. These projects have led to the creation of an independent artistic scene, especially as regards theatre, visual arts, contemporary dance, a scene that becomes more and more visible to the public.

Theatre performances are very popular in Romania and for most shows tickets sell-out within hours.

The Bucharest diverse networks of museums and public libraries produce more than half of the city's cultural output, comprising theatre, dance and music performances, as well as exhibitions, conferences and arts driven education events.

What can be found in Bucharest

art museums	12
memorial houses	7
science and technical museums	6
cultural and history museums	14
opera institutions	2
national libraries	3
specialized libraries	58
school libraries	264
libraries of Academic Institutions	28
dramatic theatres	23
historic monuments	2651





Theater in Bucharest

Since ancient times, Romanians have felt the need for theater in our lands. The practice of customs and traditions exposed in the theatrical act began to attract around her many followers since early times. Although the Romanian theater appeared late (until the 19th century, theater performances were in the form of entertainment performances, played in the boyar courts, or in the form of folk theater) it evolved rapidly and constantly.

The first performances made by Romanian artists took place in Iasi in 1814 and in Bucharest in 1818. This, apparently, opened the society's appetite for theater. Consequently, foreign troupes of actors began to be constantly present on the Romanian stage.

From its inception until today, the Romanian theater has built a special voice, resonating on the international stage. In its development resonant names contributed to the fame of local shows; thus, Ion Luca Caragiale, Eugen Ionescu, Grigore Manolescu, Elvira Popescu, Radu Beligan are just a few examples of illustrious characters on the Romanian scene, which continues to produce famous talents, worthy of national and international recognition.

The most important theaters in Bucharest are:

- **Bucharest National Theater**
- **Bulandra Theater**
- **Bucharest Comedy Theater**
- **Constantin Tanase Theater**
- **Ion Dacian National Operetta Theater**

The background image shows a traditional Romanian village scene. In the foreground, there is a large, conical haystack or a thatched roof of a traditional house, made of dry straw or reeds, with a wooden frame visible. To the left, a branch with white blossoms (possibly cherry or apple) is visible. In the middle ground, there is a log cabin or a traditional house made of horizontal logs. The background shows a clear blue sky and some distant trees. The overall scene is bright and sunny, suggesting a spring or summer setting.

Museums

Created in 1936, **The Village Museum** is an open-air ethnographic museum located in the King Michael I Park, displaying traditional Romanian village life. The museum extends to over 100,000 m², and contains 272 authentic peasant farms and houses from all over Romania. Elisabeta Palace, the current residence of the Romanian Royal Family, also located in the park, is an "island" inside the village museum, near the Arch of Triumph.

The National Museum of the Romanian Peasant is the successor of the Museum of Ethnography, National Art, Decorative and Industrial Art established on October 1, 1906, and it is a member of the International Council of Monuments and Sites ICOMOS and the 1996 European Museum of the Year;

Besides the well-known museums of Bucharest, some new and exciting ones have appeared in the last years:

The Museum of Romanian Records, a unique place that hosts the world's largest collections of corkscrews, pressing irons, and trivets, as well as other impressive ones, like the Romanian philatelic collection or the camera collection and many more where various household items are illustrated in large and interesting collections, some of them being the largest in the world.

The Museum of Ages, the **Perfume Museum**, the **Museum of Senses** are among the new museums that await tourists from all over the world.

The Romanian Athenaeum

Work of French architect Albert Galleron, who also designed the National Bank of Romania, the Romanian Athenaeum was completed in 1888, financed almost entirely with money donated by the general public. One of the preeminent public fundraising campaigns ever in Romania, the “Give a penny for the Athenaeum” campaign saved the project after the original patrons ran out of funds. **Renowned worldwide for its outstanding acoustics, it is Bucharest’s most prestigious concert hall and home of the Romanian George Enescu Philharmonic.**



Bucharest is blessed with some fantastic parks

Cismigiu is a heaven of lawns, trees, flowers and lakes. Often mistakenly referred to as a park, Cismigiu is actually a large garden, first designed and laid out in 1845 by the German landscape architect Carl Meyer, but not completed until 1860. More than 30,000 trees and plants were brought in from the Romanian mountains, while exotic plants were fetched from the botanical gardens in Vienna. Highlights of the 17-hectare garden include the Roman Garden, laid out in the style of ancient Rome, and including busts of Romania's most famous writers, the lake, which can be explored by rowing boat in summer or skated upon during the winter, and Ion Jalea's French Memorial in Carrara marble, which commemorates those French troops killed on Romanian territory during World War I.

The **King Michael Park I**, spread over 187 hectares around Herastrau lake is one of the jewels in Bucharest's crown, which might explain why many of the Bucharest inhabitants choose to spend their summer afternoons here.

Created for the *Romania in the World* exhibition, which was held here in 1906 by the French landscape artist Eduard Redont, the **Carol Park** also hosts the **Technical Museum**, one of the original exhibition pavilions.

The **Botanical Garden**, stretches over an area of 17 hectares, and hosts ornamental plants, native plants, Japanese cherries, magnolias, plants rarely found in Romanian and Mediterranean flora, as well as in the Italian garden, from the Dobrogea area, the miniature Carpathian chain and the rosary with over 200 types of roses.



Festivals & events in Bucharest

Over the past 20 years, Bucharest has hosted a large number of festivals. Industry professionals promoted an increasing number of film festivals in response to the dramatic decrease of the 1990s in film audiences and the lack of an European film distribution network. Independent events and festivals such as **Bucharest Design Week** (20.000 visitors) and visual arts fair **Art Safari** (19.000 visitors in 2015) have educated and drawn new audiences, while network-type events such as the **White Nights** format have proven to be the most popular.

Music festivals

One of the country's most important and popular music events is the **George Enescu International Festival**, held in honour of the famous Romanian composer George Enescu. The first official opening day of the festival took place on September 4th 1958, merely three years after George Enescu's passing, thus marking the official debut of the most important international musical manifestation hosted. Each edition brings to Bucharest some of the world's most famous musicians such as Yehudi Menuhin, Sviatoslav Richter, Ion Voicu, Valentin Gheorghiu, Rostropovich who performed on the stages of the Athenaeum, the Palace Hall and the Radio House. At the same time, the edition of the Enescu Festival (30 August - 20 September 2015) brought on stage George Enescu's works by record-breaking German violinist David Garrett, San Francisco Symphony Orchestra (Pulitzer Prize for Music), or Israel Philharmonic Orchestra under Zubin Mehta.

Conceived as a yearly event, **Bucharest Jazz Festival** is intended to be the major jazz event of Romania's Capital, aiming to become fully integrated in the national and European arena. Placing a strong accent on supporting the local Romanian jazz scene, Bucharest Jazz Festival is also a bridge for world class jazz and a platform for the latest trends in contemporary jazz.

Launched in 2006, the **SoNoRo** International Chamber Music Festival brought chamber music to the forefront of Romanian cultural life and included the Romanian musical scene in a network of high-profile European festivals. In addition to regular partnerships with festivals in Italy, Latvia, Germany, England, Israel and Japan, SoNoRo has performed in some of the most famous halls in the world, such as Wigmore Hall in London, Konzerthaus in Vienna, YMCA in Jerusalem and Carnegie Hall in New York.

Contemporary art and design

Bucharest hosts every year the **Romanian Design Week Festival**, as a city highly promoting creative industries. Staged every year in May, Romanian Design Week is a 10-day festival that promotes design as a pad for cultural, social and economic growth. Events and showcases focus on product and industrial design, furniture, graphics, fashion, architecture and interior design. The main exhibition includes, every year, over 150 projects of more than 100 designers, design and architecture studios. A board of curators selects the participants of the main exhibition, gathering under the same roof the best creative work developed by Romanian designers, artists and architects. The festival's international flair is reinforced by the introduction of a guest country. Until now, the following countries have honoured the Festival with their participation: Netherlands (2014) and Denmark, Finland, Island, Norway and Sweden with a common project (2015).

The **Art Safari** Pavilion, organized by the Arts Society Cultural Centre Foundation, is an annual event devoted both to Romanian and regional art, with an emphasis on its recent developments. Designed to offer a comprehensive presentation of Romanian art, Art Safari features a wide range of artworks from heritage art to contemporary art. Over 100 galleries, museums and cultural institutions attend the event, mostly Romanian, along with participants from other countries.

Book fairs

Another very important event is the **Gaudeamus International Book and Education Fair**, which gathers a very impressive number of publishing houses, as well as visitors. The Gaudeamus Fair is part of the READING Program initiated and organized by Radio Romania since 1994. Some of the highlights of the 2016 edition are: 125,000 visitors, 300 exhibitors from five countries: Romanian and foreign publishing houses, book distribution agencies, educational institutions, professional associations, cultural and educational nongovernmental organizations, museum, libraries, 850 accompanying events – book launches, book signing sessions, professional debates and forums, creative workshops etc.



Film Festivals

Awarded by the most important international film festivals, the Romanian New Wave films influenced the number and reputation of the film festivals. **Bucharest International Film Festival** is a competitive festival dedicated to feature films only; is organized by Charta Foundation. The objective of the festival is to promote international independent film, supporting the production and distribution of Romanian film as well. The festival aims to create a platform for the international cinema industry.

The **anim'est International Animation Film Festival**, established in 2006, has become Bucharest's most loved film festival and a recognized event on the international animation scene. The festival's programme consists of six competitive sections (international feature film, international short film, Romanian film, student film, video, Minimest), the Mozaic section – presenting the hottest animation short & feature animations in international film festivals and also special sections & retrospectives dedicated to important animation studios, directors, film schools and festivals. Workshops, masterclasses, special parallel events, concerts and parties are open to the festival guests and audience. The anim'est Trophy is awarded every year to one of the films competing in the short film competition.

One World Romania is the biggest documentary festival dedicated to human rights in Romania and which presents cutting edge films addressing urgent political and social issues confronting today's Europe. Starting from 2017, One World curates a special section within the festival, consisting of film showcases and collaboration programmes between documentary filmmakers and activists, providing a solid base for highly debated subjects such as the European refugee crisis, political views in the Orient, corruption and future world scenarios. Parallel, One World Association organises the educational programme One World Romania at School, which aims to introduce human rights debates and documentary film screenings in high schools from Bucharest.

Les Films de Cannes à Bucarest came into being in 2010 at the initiative of director Cristian Mungiu, with the support of Thierry Frémaux, General Delegate of the Cannes Film Festival. Their idea generated a trend, the festival spreading as far as Buenos Aires in 2014, under the name of Semana de Cine del Festival de Cannes.

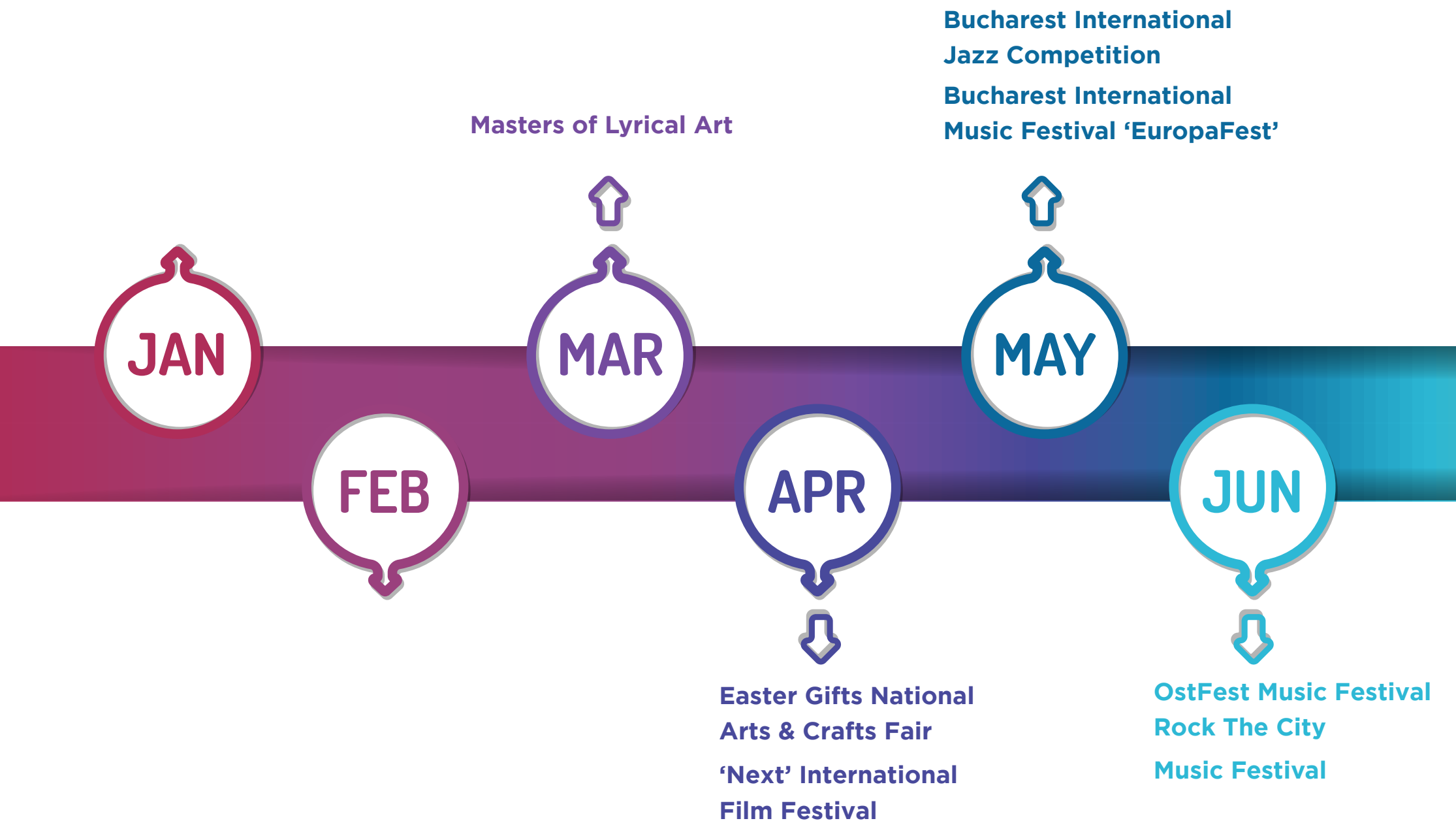
Street festivals

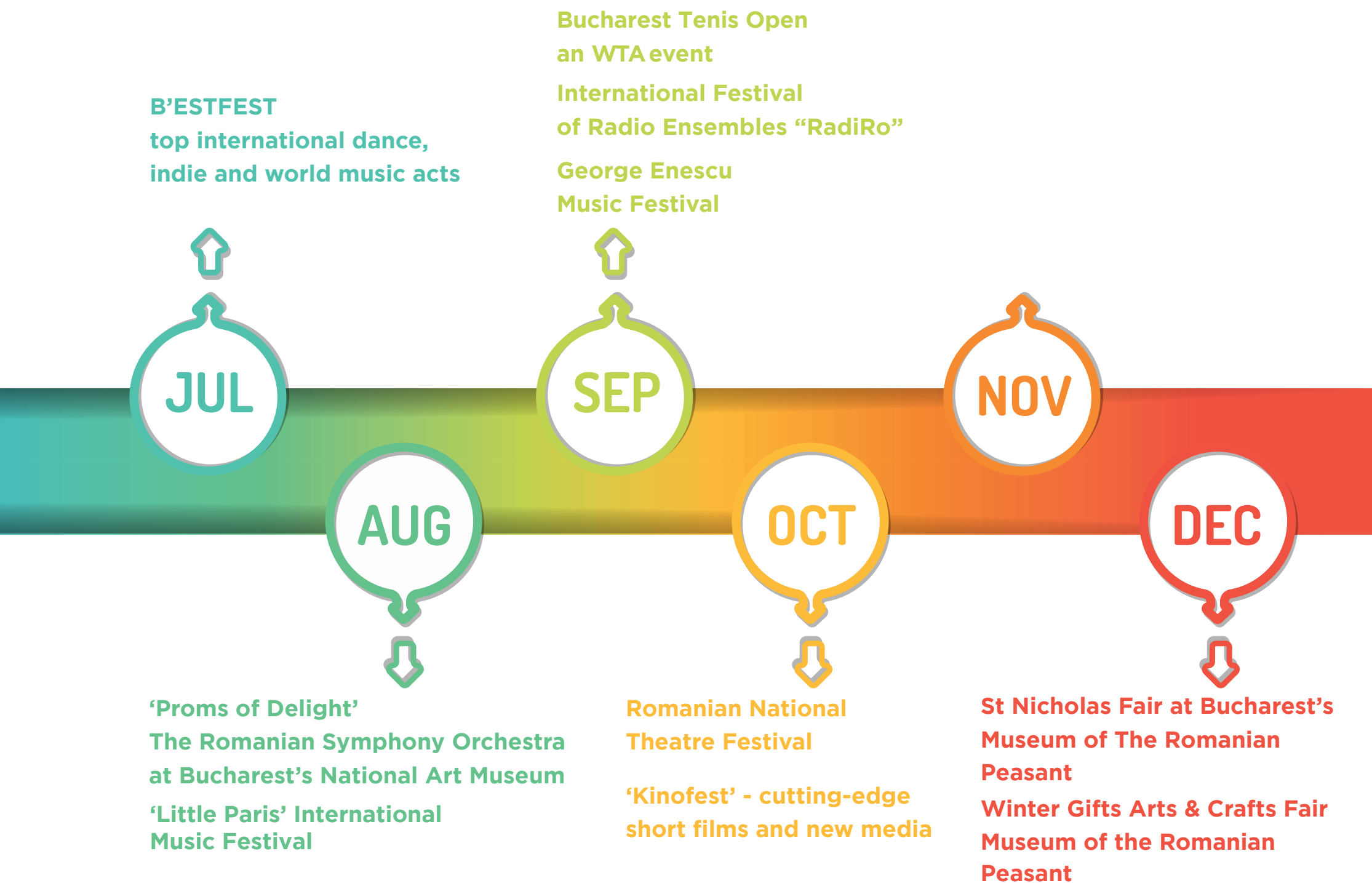
B-FIT in the Street!, the only international street theatre festival in Bucharest, is organised by ARCUB, the Cultural Centre of the Bucharest Municipality. During the festival, Bucharest becomes a fantastic setting, inhabited by unexpected characters blending in the crowd and interacting with the passers-by. Austria, Spain, UK, Germany and Italy were some of the countries that attended the 2016 edition of B-FIT in the Street!, an event with various dumb shows, circus, comedy, dance, acrobatics, street music and parades. The **Bucharest International Light Festival Spotlight** restores public space to its traditional role as a set up for the rituals of communication by treating the architectural dimension of the city as a living structure that auto generates. Artists and architects working with light are challenged to use the rich symbolism of Romanian folklore and translate it into digital art collaborative projects, to explore the superposition of spaces, experiment with the architectural dimension of the city as media carrying connections, rather than as static object and eventually use the public space of the city as a temporary museum.

Another interesting street festival held in Bucharest is called **Femei pe Matasari (Women on Matasari)** and brings together creative projects in the area of theater, music and fashion. The name comprehensively covers the event's ideology: taking place in and around Matasari Street, organised by women, it's designed to showcase local arts and culture groups through live music, fashion and theatre. The name of the street reminds of the old craft of working with silk ("*matase*" is the Romanian word for silk, "*matasar*" was the person working with silk).

Drawing huge number of persons, **The European Night of Museums**, **The White Night of Galleries**, as well as **The White Night of Cultural Institutes** has become a landmark for celebrating culture across the continent and these events have proven spectacularly popular in Bucharest.

The festival schedule during the year:







Remarkable restaurants and cafés all over Bucharest

When it comes to food, Bucharest's offer is extremely generous, with a wide assortment of cuisines: from traditional Romanian to Asian or Latin-American dishes. The city also has many options for those who prefer a vegetarian, vegan or raw vegan diet.

Bucharest offers a wide variety of restaurants and cafés – more than 3400 locations, which impress with their delicious cuisines, as well as their locations.

Right in the heart of Bucharest, **the Old Town awaits visitors with restaurants** that stand out with their high-up location, in addition to the inspired interior design.

A landmark of Old Town's architecture is **"La Carul cu Bere"** Brewery. The building that hosts the brewery was built in Neo-Gothic, after Zigmund Z. Kofczinski si Al. Pesch's plans. The vaulted ground floor in Neo-Gothic style is richly decorated with paints, stained glass, mosaics and carved panelling. Besides the beautiful design, which is a part of Bucharest's history, "La Carul cu Bere" Brewery offers tasty dishes, even for the most demanding clients.

If one visitor is looking for a memorable historic architectural building and a more pretentious style and ambiance, **Manuc's Inn** might best suits this expectation. Promoting itself as **the oldest inn in Europe**, Manuc's Inn was built about two hundred years ago by an Armenian called Emanuel Mârzaian (Manuc), one of the richest and most influential merchants of his times in the Balkan region, providing lodging and shelter for the caravans on their trade routes.

Bucharest is also well known through its café culture, as well as its impressive cafés, from the original and colourful, to those found within some of the city's architectural jewels. You can find amazing places to enjoy a delicious coffee all over the city. However, the most looked for by tourists as well as residents are right in the centre of the city, in the Old Town, as well as on the esplanade of the Dambovită river, which crosses right through town.



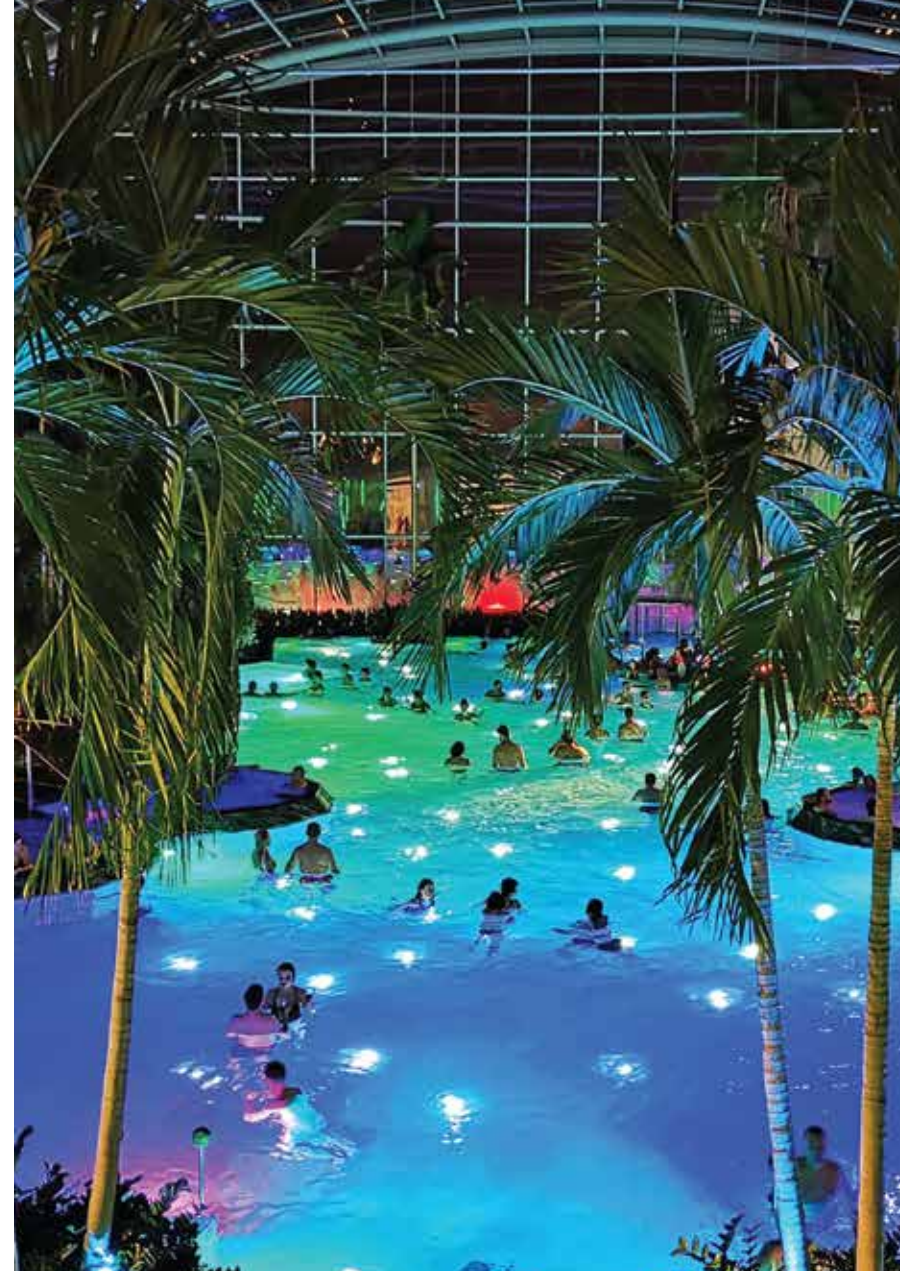
Shopping malls

Shopping malls are no recent news for Bucharest. The first shopping mall finds its history back in 1928 and it was called „Galleries Lafayette”, after the French model (nowadays is Magazinul Victoria).

The shopping malls started to pop-up everywhere in the city. Besides the actual shops, most of the shopping malls are including cinemas, restaurants, cafes, indoor playgrounds, hairdresser, banks and even supermarkets.

The shopping malls are opened every day, except public holidays, usually from 8.00 to 23.00.

The best time for shopping is, of course, in the sales period. In Bucharest there are two important ones: from mid-January to mid-April and from 1st of august to mid-October.



Wellness and spa

In recent years, **the wellness and spa sector has developed a lot in Bucharest** and the town became one of the most important attractions in the area of relaxation and wellness tourism.

Besides the SPA wellness centers that can be found in many hotel complexes, **Therme Bucharest, a 30,000 sqm wellness**, relaxation and entertainment center based on thermal waters, **the largest Thermal Wellness Center In Europe** is situated at only 20 km north from Bucharest. Therme Bucharest contains not only swimming pools with thermal water, but also the largest public indoor and outdoor gardens in the country. Garden is composed of more than 800,000 plants and hundreds of species of trees, including the **largest plantation of palm trees in Europe**.

Admiring nature

From BUCHAREST to seaside and mountain, by car:



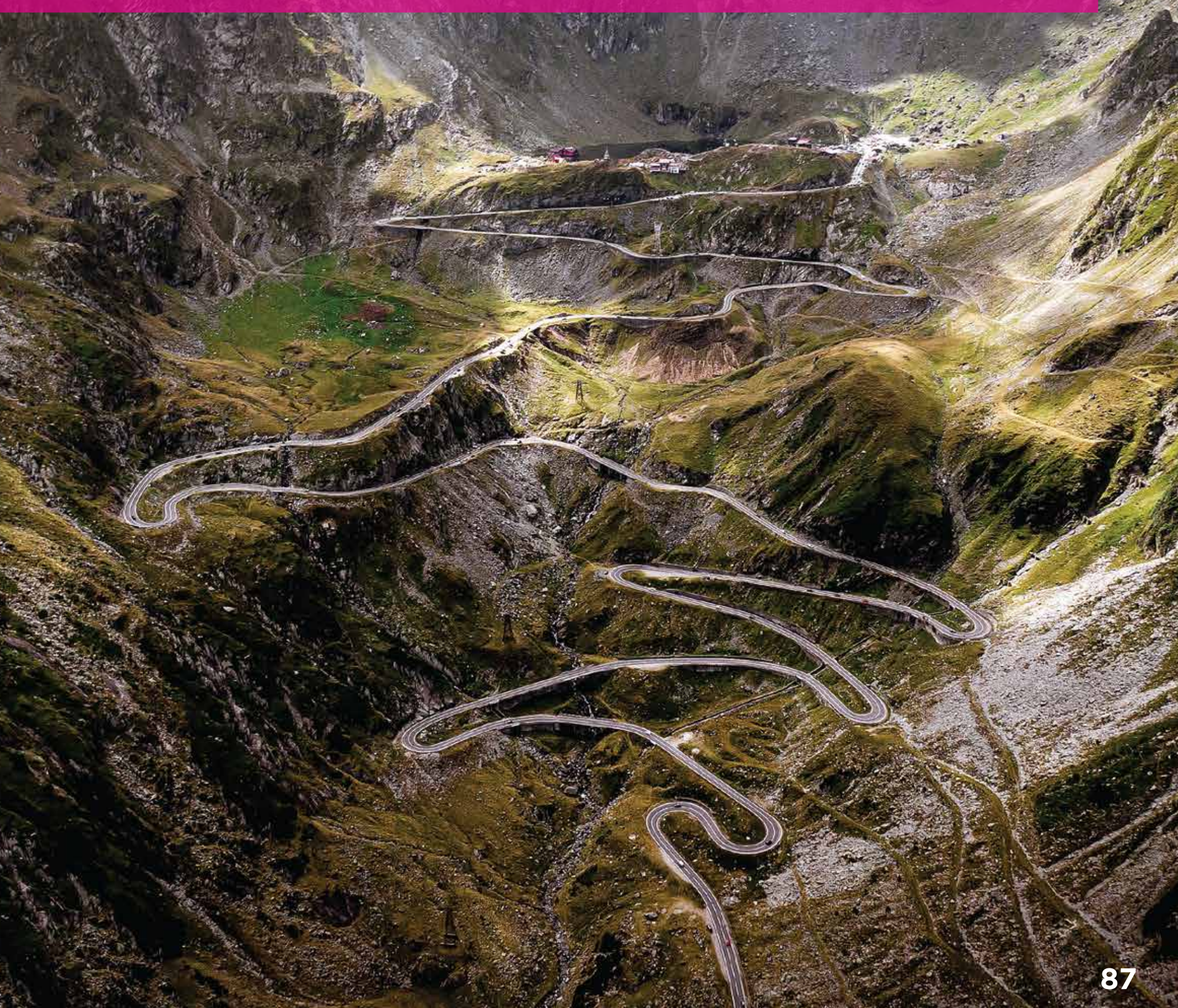
2h



2h



The best driving track in the world. Transfagarasan, Romania



A woman wearing a white lab coat, a brown beanie, and large aviator sunglasses is pointing her right index finger at a glass panel. The panel features several hexagonal icons: a DNA double helix, a syringe, a medical cross, and a person silhouette. The background is a blurred laboratory setting with shelves and equipment. The entire image has a green color overlay.

05

Advantages

Key 5A+ findings

1

2nd lowest level in the EU 27 of tax burden and VAT rate in EU;

2

The Centre and its staff will enjoy, from day 1, the privileges and immunities from Protocol 7 to TFEU;

3

Cyber VIP Protection is granted, free of charge, for all the staff of the Centre;

4

Special protection measures for the Headquarters and the management of the Centre ensured by the Romanian Protection and Guard Service, similar to the regime of the Romanian dignitaries;

5

Other special arrangements which are to be included in the Headquarter agreement;

The Romanian tax system

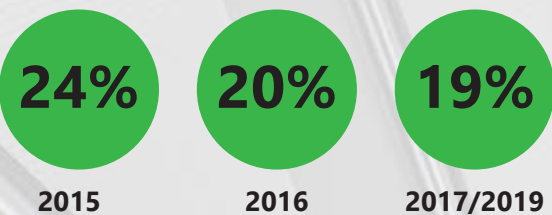


Romania has the **2nd lowest level** in the EU 27 of tax burden and VAT rate, according to the European Commission report for 2020.

The value-added tax has been reduced from 24% in 2015 to 19% in 2017. At the same time, special rates are applied to foodstuffs, pharmaceutical products, water supplies, some agricultural supplies (9%) and hotel accommodation, restaurants & catering services (5%).

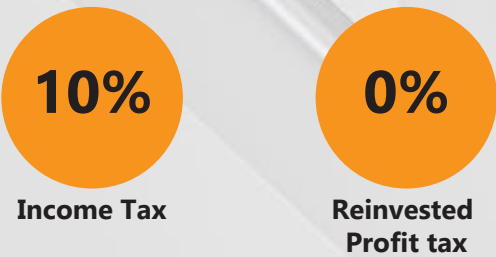
As for the value for money, Bucharest ranks above major capitals in the European Union.

VAT



9% foodstuffs, pharmaceutical products, water supplies, some agricultural supplies

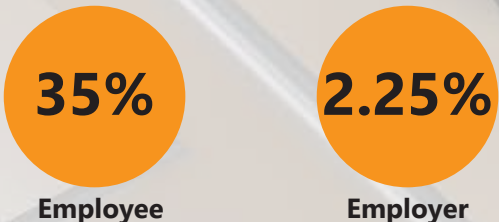
5% hotel accommodation, restaurants & catering services



IT&C - 0% income tax for employees

- BA - 14 technical specializations available
- Employee is hired on a software engineer/programmer/software analyst position
- Annual revenue per exempted employee must be over USD 10,000

SOCIAL SECURITY



R&D - 0% income tax for employees

- Deduction of R&D eligible expenses:**
- Depreciation of R&D equipment, salaries for R&D personnel; 50% of these expenses can be deducted from the taxable income

Privileges and immunities

The Centre and its staff will enjoy in Romania, from day 1, **the privileges and immunities stipulated in the *Protocol 7 on the privileges and immunities of the European Union, annexed to the Treaty on the Functioning of the European Union*. Other privileges and immunities, as detailed hereby and in the confidential section of this file, to be included in the *Headquarters Agreement*, will be accorded from the date of entry into force of the above mentioned Agreement.**

Thus, in line with Protocol 7, **Romania will offer the following privileges and immunities to the Centre:**

- *Inviolability of the premises and buildings;*
- *Inviolability of the archives;*
- *Immunity from any administrative or legal measure of constraint;*
- *Freedom of financial assets from restrictions* (without being subject to any financial controls or moratoria of any kind, the organization may freely: purchase, hold and dispose any currencies through authorized channels; and operate accounts in any currency);
- *Tax exemption* for the agency, its assets, revenues and other property with the exception of charges for public utility services;
- *VAT exemption/ refund* for substantial purchases for the official use of the agency;
- *Exemption from all customs duties, prohibitions and restrictions* on imports and exports in respect of articles intended for the official use of the agency/ for its publications;
- *For official communications and the transmission of all related documents*, the Centre shall enjoy the arrangements accorded by Romania to diplomatic missions accredited to it (the right to use codes and to dispatch and receive correspondence by courier or in sealed bags, which shall have the same immunities and privileges as diplomatic couriers and bags; communication by means of a wireless transmitter installed with prior authorization from the relevant Romanian authorities);

In parallel, **the following privileges and immunities are granted to the staff:**

- *Immunity from legal proceedings* in respect of acts performed by them in their official capacity, including their words spoken or written;
- *No immigration restrictions / formalities* for their registration or for their family members;
- *The right to import/ re-export free of duty* their furniture and effects at the time of first taking up their post/on termination of their duties;
- *The right to import/ re-export free of duty* a motor car for their personal use;
- *Exemption from national taxes on salaries, wages and remunerations* paid by the Centre, as entity of the EU.



Cyber VIP Protection for all the staff of the Centre, delivered by CERT-RO

CERT-RO created one of the most comprehensive and effective **Cyber VIP Protection Programs** that will be made available to the staff of the Centre, **free of charge**.

The purpose of this program is **to reduce the cyber risk exposure of the Centre and its staff by performing a comprehensive contextual threat exposure analysis of their potential cyber risks, and work with them to reduce that risk and regularly monitor risks and changes.**

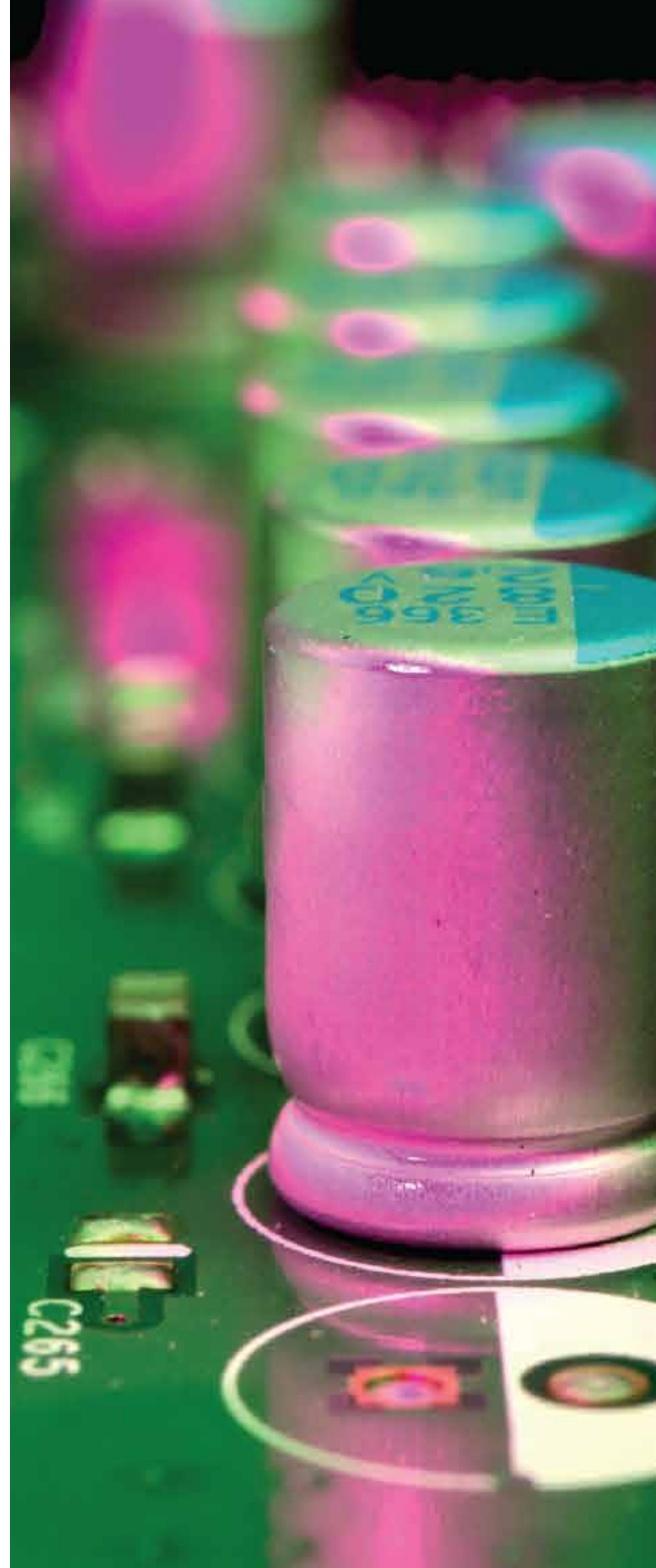
Highly experienced CERT-RO experts - cybercrime analysts who have served in private sector, law enforcement intelligence, military, and dignitary protection capacities - **will be available to assist and defend the Center and its staff, in close coordination with and under supervision of the Centre's management.**

CERT-RO assigned for this Protection Program a **highly experienced team in EU-wide computer crimes, cyber threat intelligence and counter- threat intelligence operations, as well as in private sector executive level cyber security program leadership for international companies and government organizations.**

This Program involves a comprehensive evaluation of the VIP's cyber protection exposure and posture. CERT-RO has developed an entire methodology that identifies and addresses the principal's organizational posture, cyber victimological profile, protection efficacy along with all other potential vulnerabilities and weaknesses.

CERT-RO will work directly with the Centre's management and cybersecurity team, with CERT-EU and any other key security personnel to help them understand the weaknesses so they can fill gaps in this vital cyber protection function.

Should the Centre entrust them with this role, **CERT-RO will ensure that all protected staff of the Centre will receive a report at the frequency they requested (bi-weekly, monthly, quarterly, annually), as well as direct consultation access with CERT-RO analysts.** CERT-RO is also able to deliver contextual cybercrime risk intelligence **to the Centre.**





Special treatment for the Headquarters and the top management of the Centre

The Romanian Protection and Guard Service will provide the Centre' Headquarters and the top management with **special protection and security measures**, similar to the regime of the Romanian dignitaries.

Free Romanian language courses for the Centre staff

The Government will provide, through the Romanian Language Institute, free Romanian language courses for the Centre's staff. The courses will be held by the Romanian Language Teachers' Corps, composed of experts needed for both teaching Romanian as a foreign language, as well as for attesting language skills.



Alexandru Nazare
Special Representative for the
Competence Cyber Centre
Romanian Government

The European Cybersecurity Industrial, Technology and Research Centre is essential for the future commitment and decisive action in promoting and ensuring a safe and secure cyberspace in EU, especially as we are living in a more digitalized era.

EU cohesion around this objective is important and all Member States must play their part in making this happen. Inclusiveness and a comprehensive approach in developing cybersecurity area are key elements, while also recognizing and valuing the excellent expertise pool putting Member States like Romania on top of the list.

Romania is ready and committed to assume its role and host the Centre in Bucharest, being confident in its tremendous added-value and huge potential to the development of the cybersecurity in Europe and internationally. Romania will definitely make the Centre's activity in Bucharest a success.

Vote for Romania! Vote for Bucharest!

We also have institutional support from:



**AUTORITATEA
PENTRU
DIGITALIZAREA
ROMÂNIEI**





Romania