

2020 <mark>LJUBLJANA FORUM</mark>

FUTURE OF CITIES

SUSTAINABLE - SMART - INCLUSIVE - RESILIENT

2020 CONCEPT OF THE CITY FOR THE FUTURE

Synthesis Report

Web Conference

October 1st - 2nd 2020 • Ljubljana Castle, Slovenia





Synthesis report on FUTURE OF CITIES

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The year 2020 faced us with one of the greatest challenges ever, namely with the Covid-19 pandemic and its impact on daily life. Numerous events were cancelled or postponed to a later period. In these unpredictable times, preventing us from physically convening together, it is important to keep in touch at least virtually.

Moreover, we need to respect restrictions that were put forward in order to protect the most vulnerable ones. In this very moment as well as during pandemic recovery the principle of solidarity should guide us at our work. We need to use the momentum and build back better. In doing so, I am happy to announce the start of the Ljubljana Forum 10th Anniversary process evaluating the creation of the ideal city of the future. I am looking forward to welcoming you to our beautiful Ljubljana in October 2021 during the Slovenian EU Presidency to celebrate together the 10th Anniversary of the Ljubljana Forum. Warmly invited.

All the best from Ljubljana.



Companies are an integral part of society and economy that provide smart and sustainable solutions. Our role in the Chamber is to connect companies and cities.

For us the poetry of emotions is that ideas are turned through projects into reality. Clever cities pay special attention to the needs of companies. This means good urban planning, good infrastructure, access to finances, a link to the universities and research capacities, and good supply of workforce. I am positive that during the challenging time of the pandemic year of 2020 cities and companies will find many good solutions to overcome physical and digital challenges. I believe that the 10th Ljubljana forum will bring many good bottom up initiatives. Future oriented initiatives pushed forward through the private sector could leave a remarkable mark within the cities and the region. I am positive that this is the platform that is best equipped to foster them. I wish you a great forum that will bring new ideas into reality.



Ljubljana Forum 2020 city creation process

Ljubljana Forum connects over 1.200 international stakeholders involved in urban development, between them mayors and city leaders, EU and financial institutions and representatives of the industry.

In ten years, there have been over 300 expert lectures on the development of a smart, sustainable, inclusive, and resilient cities. Every pandemic crisis in the history of civilization stopped the daily routine, reshaped the governance system, the role of cities and encouraged the best of human creativity. In the period from autumn 2020 to the autumn 2021 when Slovenia will hold the EU Presidency, city projects will be developed and presented.

In October 2020 we have started with the one year process. The introductory speeches will present the highlights related to the resilience of cities and the recovery plan for Europe. For that not only the development of smart cities from 1.0 towards 3.0 is required, but also a sustainable development with a focus on circular cities and accessibility in cities as a precondition for the creation of the city of Wellbeing. I believe that our team and partners, including the city of Ljubljana, and regional and global family of the Ljubljana Forum will become closer and even more innovative in re-shaping the concept of the ideal city for the future.

At the same time, I am confident that new project initiatives will be co-created in order to empower cities and people for many years to come.





Miran Gajšek, Head of Urban planning – City of Ljubljana Co- chairman Ljubljana Forum

"In ten years of operation, the Ljubljana Forum has positioned itself as a recognizable brand among city leaders and providers of industry solutions for sustainable and smart cities."

Miran Gajšek, head of the department for urban planning, City of Ljubljana

In 2021, the Ljubljana Forum will mark ten years of successful work within the framework of the Partnership for Urban Development, which brought together the mayors and leaders of the following capital cities: in Ljubljana, Vienna, Bratislava, Budapest, Bucharest, Zagreb, Belgrade, Sarajevo, Podgorica, Tirana, Sofia, Baku, Tbilisi, and many other cities.

So far Ljubljana Forum initiated or contributed to the realization of urban and infrastructure projects in the amount of EUR 300 million. The City of Ljubljana, through its active participation and within the framework of its reference projects and international awards (European Green Capital 2016 and other international awards), has aroused the interest of city and industry leaders in the wider region of Southeast Europe and around the world. In the future, Ljubljana Forum intends to participate in the implementation of the Recovery Plan for Europe 2021-2027 assistance program with a focus on projects relevant for cities. The possibilities of public-private partnerships and "Blanding Financing" will be analyzed and promoted.



"The platform Circular Change provides a good entry point for everyone who would like to start a circular journey, synchronized with Kate Raworth's very 21st-century question: "It's a question that combines local aspiration – to be thriving people in a thriving place – with a global responsibility to live in ways that respect all people and the whole planet.""

Ladeja Godina Košir, Director and Founder of Circular Change

What is a Circular City? ELLEN MACARTHUR Vision Statement A circular city embeds the principles of a circular economy across all its functions, establishing an urban system that is regenerative, accessible and abundant by design. These cities aim to eliminate the concept of waste, keep assets at their highest value at all times, and are enabled by digital technology. A circular city seeks to generate prosperity, increase livability, and improve resilience for the city and its citizens while aiming to decouple the creation of value from the consumption of finite resources

Life has changed in the era of COVID-19. How to maintain cities alive and how to organize our life? How important is city infrastructure and how everyone can get engaged? These are our challenges. Ljubljana is a good example of a Circular city and as such it is a part of the global initiative of the Ellen McArthur Foundation – CE100.

A circular economy aims to redefine growth, focusing on positive society-wide benefits. It entails gradually decoupling economic activity from the consumption of finite resources and designing waste out of the system. It enables the following pillars of the circular city: Sharing models, Mobility systems, Waste recycling, Sustainable buildings, and Energy efficiency. In a circular economy, the value of raw materials is retained as much as possible throughout a product's lifecycle, from design to disposal. For example, Amsterdam is using the strategy "City Doughnut" strategy from the British economist Kate Raworth to ensure a good life for everyone. The model describes how societies and businesses can contribute to economic development while still respecting the limits of the planet and our society.

In order to create well-being and inclusiveness in the cities, we need to follow the five guiding principles; I. Aligning with netzero GHG emissions, II. Strengthening climate resilience, III. Reducing biodiversity loss, IV. Innovation building on behavior changes, V. Improving supply chain resilience and circularity.

IDEAL CITY?

+ 2021

7th, 8th October



∠ 2020

2020 CONCEPT OF THE CITY FOR THE FUTURE



∠ 2019

LARGE SCALE INFRASTRUCTURE PROJECTS



≥ 2018

EUROPEAN CITY & BLOCKCHAIN ASIA EUROPE COOPERATION



≥ 2017

CITY OF WELL-BEING





≥ 2016

GREEN CITIES G SMART INFRASTRUCTURE



∠ 2015

EMPOWERING CITIES 6 PEOPLE



∠ 2014

THE CITY



∠ 2013

MANAGING WATER 6 TRANSPORT



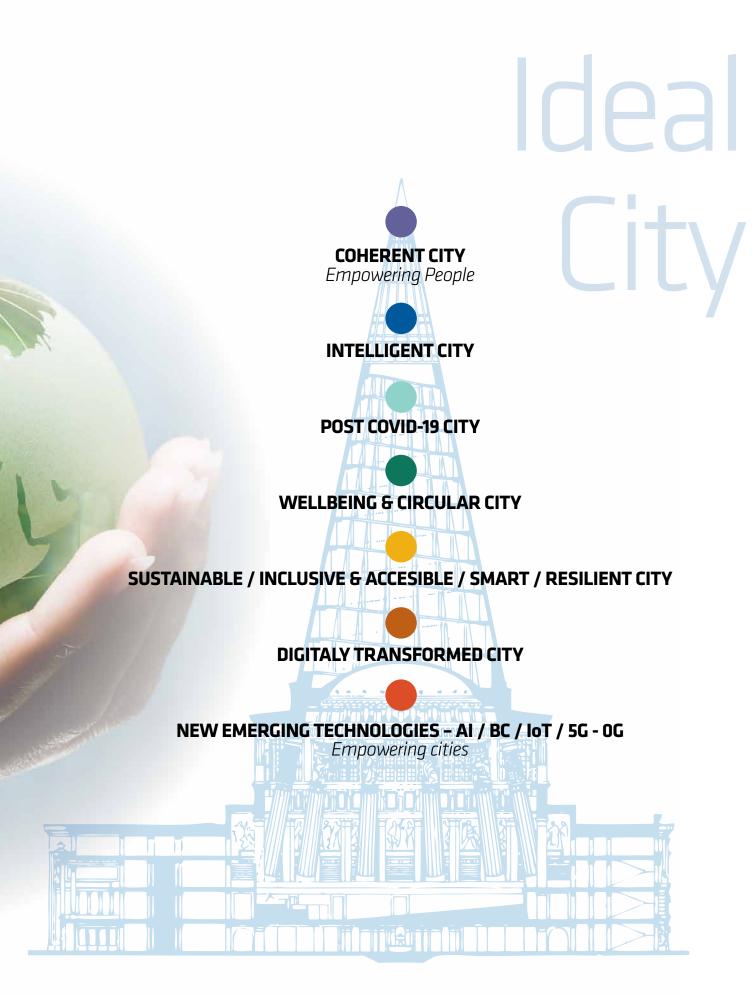
∠ 2012

ENERGY EFFICIENCY & BEING ALWAYS ON-LINE



≥ 2011

FUTURE OF CITIES







Sašo Rink, Director of the Public Housing Fund of the City of Ljubljana

Resilient & Accessible

"Cost of inaccessibility is shared throughout our society and far too great to be overseen. We can and we will make our city and society barrier-free."

Sašo Rink, Director of the Public Housing Fund of the City of Ljubljana

Legal regulation is of great importance to ensure accessibility requirements for products and services. Protection of persons with disabilities and the elderly are at the state level governed by thelawsandatthemunicipality level implementing legislative duties as self-imposed measures and activities.

Successful implementation of different measures in the city of Ljubljana contribute significantly to a friendly living environment accessible for all. The personal commitment of the Mayor of Ljubljana Zoran Janković is of great importance for the realization of social Europe and signs a strong pledge to the European pillars of Social Rights.

SOAKO advisory body to the Mayor, which ensures horizontal cooperation between key stakeholders in the city, is a good example of strategy design and monitoring of project implementation. Accessibility is more and more integrated in decision making and solution implementing processes. Awareness about people's special needs and social diversity is on the rise. User-friendly solutions contribute importantly towards social inclusion and the creation of the smart, sustainable, inclusive, and accessible city as the city of Wellbeing.



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Lorenzo Madrid, Smart City Business Institute America, Advisory Board Member of GFS Institute

Smart City

Creating Smart City is a process not a destination. The creation process is a new way of governing. It increases the capacity to provide public services, improve the quality of life for Citizens, promote Citizens' participation in the city government, and develop a local sustainable economy. The drivers of this process are people, small cities, new business models and operational costs, protection of the environment, the value of data, resilience, governance, and leadership.

"A smart sustainable city is an innovative city that uses information and communication technologies (ICTs) and other means to improve quality of life, efficiency of urban operation and services, and competitiveness, while ensuring that it meets the needs of present and future generations with respect to economic, social, environmental as well as cultural aspects". BY ITU International Telecomunications Union

"They are many open questions for choosing the right smart city direction. Let's do this journey together towards the new way of governing. We invite your feedback for the Ljubljana Forum 2021"

Lorenzo Madrid, Smart City Business Institute

America, Advisory Board member of GFS Institute

The Evolution of Smart Cities

	Smart City 1.0	Smart City 2.0	Smart City 3.0
Concept	A City that works well	An Inclusive & Responsive City	A City that Thinks
Goal	Operation Automation	• Services Integration	Autonomous Management
Resource	IoT Systems	• Web & Apps	Data Analytics & Artificial Intelligence





Marjan Brelih, Project Manager at Petrol d.d., Miran Gajšek, Head of Urban planning – City of Ljubljana Co- chairman Ljubljana Forum, dr. Sabine Stadler, City of Vienna, Ladeja Godina Košir, Director and Founder of Circular Change, Blaž Golob, Chairman of Ljubljana Forum, director of GFS Institute



Modern IoT platform for Sustainable & Energy Efficient City represents a new innovative business model, use of domain knowledge, and use of new technologies. It shows the possibilities of energy islands for decarbonization of energy supply. It increases a higher level of reliability and stability of electricity supply while reducing environmental burdens.



Marjan Brelih, Project Manager at Petrol d.d.

Conclusions of **Ljubljana Forum 2020**

In ten years, the Ljubljana Forum, as an interest group of the cities of Central and Southhas Eastern Europe. identified possible directions for sustainable development and digital transformation for large cities, regions, countries and macro-regions in Europe. The flexibility and impact of the Ljubljana demonstrated Forum 10th anniversary promises a continuous creation of public and public-private projects.

It is precisely the COVID-19 epidemic and the planning of extremely high financial resources at the level of the European Union that pose a new challenge for our partners. The recipe offered by the Ljubljana Forum is an interest and project integration in collaboration between capital and regional cities of Central and South-Eastern Europe as well as within its regions.

A good example of an EU macro-regional cooperation is the Rail Baltica Railway project. Rail Baltica was created as a key, sustainable, EU Strategy for the Baltic Sea Region (EUSBSR) project, connecting the cities of Helsinki - (ferry) - Tallinn - Riga - Kaunas - Bialystok and Warsaw. It connects ports, logistics centers, technology, and economic zones.

www.railbaltica.org

In our part of Europe we need to focus on sensible projects planning and projects delivery, which is aligned with strategies of the other three remaining EU macro-regions:

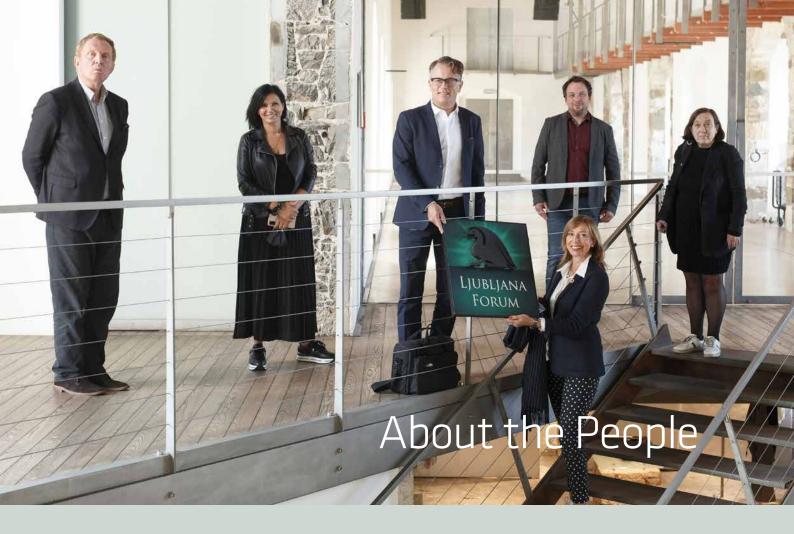
- I. The EU Strategy for the Danube Region,
- II. The EU Strategy for the Adriatic and Ionian region,
- III. The EU Strategy for the Alpine Region.

At the same time, cities must be connected in those projects that can be defined in the national EU Operational Programs 2021-2027 and in the EU Regional Development Programs 2021-2027.

Ljubljana Forum 2020 priority areas of projects creation

- ICT infrastructure and digital transformation supporting Sustainable Development Goals and healthy cities including the City of Wellbeing
- II. Improvement of the railway infrastructure, sustainable mobility, and accessibility of cities
- III. Highly functional Technological Economic Zones in the cities supporting "European Green Deal" including the development of Circular Cities

In urban spaces, the city's Technological Economic Zones are essential because they preserve existing and create new jobs with high added value creation. As the 2020 Ljubljana Forum priorities are aligned with the principles of the "European Green Deal 2020", we believe in decoupling economic growth from resource use in order to transform the EU into a fair and prosperous society.



Sonja Šmuc, General Manager of the Chamber of Commerce & Industry

Miran Gajšek, Head of Urban planning – City of Ljubljana Cochairman Ljubljana Forum

Sašo Rink, Director of the Public Housing Fund of the City of Ljubljana

Ladeja Godina Košir, Director and Founder of Circular Change

Marjan Brelih, Project Manager at Petrol d.d.

Lorenzo Madrid, Smart City Business Institute America, Advisory Board Member of GFS Institute

Blaž Golob Chairman of Ljubljana Forum, director of GFS Institute

Towards 2021

Creation of an ideal city - Empowering people

The masks will fall & We will continue to co-create the cities for the future...







Strategic partners & forum supporters

































































































































