

**Faculty of civil and geodetic engineering (UL)  
Institute Jozef Stefan (SRIP Smart Cities and Communities)  
Chamber of Commerce and Industry of Štajerska (SRIP Circular Economy)  
are organizing a conference:**

## **Resilient futures: Integrating Circular and Regenerative principles with Smart strategies for sustainable urban infrastructure**

 **Date: 12.3.2025**

 **Location: FGG, Jamova cesta 2, Svečana dvorana (J-II/4)**

Integrating smart technologies with circular and regenerative principles not only enhances urban resilience through real-time monitoring, predictive analytics, and automation but also drives sustainability by minimizing waste, optimizing resources, and restoring ecosystems, ultimately enabling cities to effectively tackle natural disasters, climate risks, and urbanization challenges.

### **Smart Technologies: enhancing the resilience and adaptability of urban infrastructure**

Real-time monitoring, predictive analytics, and automation minimize disruptions, while smart grids and IoT sensors optimize energy and detect vulnerabilities early. This integration enhances efficiency, reduces costs, and supports better urban planning to combat natural disasters, climate risks, and urbanization challenges.

### **Integrating Smart Technologies with Circular and Regenerative Principles**

Smart technologies boost infrastructure adaptability, while circular and regenerative principles ensure sustainability. Circularity minimizes waste and optimizes resources, while regeneration restores ecosystems and enhances well-being. Green infrastructure supports stormwater management and biodiversity. Smart technologies complement these efforts by monitoring environmental performance and optimizing resource flows. Together, they create resilient, sustainable cities.

## Conference Program

Part I	
9:00 - 9:30	Registration
9:30 - 9:40	<b>prof.dr.Violeta Bokan-Bosiljkov, dekanja FGG (UL)</b> <i>Opening with conference greetings</i>
9:40 - 9:55	<b>Anamarija Lukenda (Direktorat za znanost in inovacije )</b> <i>Smart policies for resilient cities</i>
9:55 - 10.10	<b>Aleš Dremel</b> <i>Building resilient cities: projects and challenges in smart technology integration</i>

### Part II: Smart technologies: enhancing resilience and adaptability in urban infrastructure

10.10 -	<b>Matjaž Logar (Inštitut Jožef Štefan):</b>
10.25	<i>Perspective on smart cities and resilient urban development</i>
10.25 -	<b>City representative (Velenje)</b>
10.40	<i>Presentation on the Use of Smart Strategies in Designing Resilient Cities</i>
10.40 -	<b>Podjetje SunContract</b>
10.55	<i>Perspectives on energy communities: challenges and opportunities</i>
10.55 -	<b>univ.dipl.inž.vod.in.kom.inž. Pergar Petra</b>
11.10	<i>CLIMRES – Leadership for Climate Resilient Buildings</i>
11.10 -	<b>dr. Igor Bizjak (Urbanistični inštitut RS)</b>
11.25	<i>Standards for Smart Cities</i>
11.25 -	The panel discussion moderated by <b>Matjaž Logar</b> .
12.00	
12.00 -	<b>Lunch break</b>
13.00	

### Part III: Integrating smart technologies with circular and regenerative principles

13.00 -	<b>Nina Meglič (Štajerska gospodarska zbornica)</b>
13.15	<i>Perspective on smart strategies for advancing the circular economy</i>
13.15 -	<b>The company Solwesol</b>
13.30	<i>Application of AI in Logistics Optimization.</i>
13.30 -	<b>The company Surovina</b>
13.45	<i>Digital Passport: enhancing transparency and sustainability in the circular economy</i>
13.45 -	<b>EIT Climate KIC initiatives</b>
14.00	<i>Advancing climate innovation</i>
14.00 -	<b>Jaka Kranjc (Ekologi brez meja)</b>
14.15	<i>Embedding smart approaches to city circularity: EBM perspective</i>
14.15 -	The panel discussion moderated by <b>prof.dr. Žiga Turk</b> .
15.00	

***You are kindly invited.***

Registration is required to attend the conference!

**REGISTER HERE**

<https://tinyurl.com/crossreis-konferenca>

OR

