



# IURC Annual Event 2021 – Innovative, Sustainable and Carbon-neutral ecosystems and strategic sectors

## Break Out Room 3

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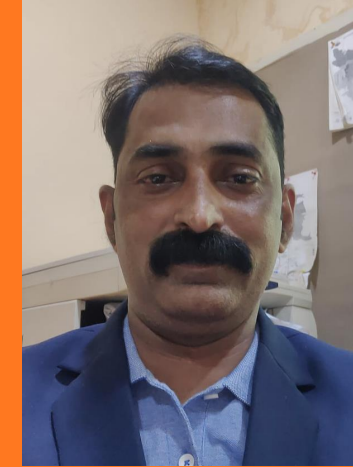
Marino Cavallo  
Head Research Innovation  
& EU Projects  
Metropolitan City of Bologna,  
Italy



Wu Kaiyang  
Chief of Economic System  
Reform Section, Haikou DRC,  
Hainan Province, China



Slaveya Georgieva  
Senior Expert  
Innovative Sofia, Bulgaria



Shishir Shrivastava  
Deputy Municipal Commissioner,  
Gwalior Municipal Corporation,  
India

- Moderator: Panagiotis Karamanos, Urban Development Expert, (IURC)
- Date: 24/11/2021 – 11:00 - 12:00 CET

# Thematic Network 1:

## ECOLOGICAL TRANSITION- GREEN DEAL (a greener Europe)

- **Circular Economy**, waste management, plastic
- **Nature Based Solutions**, greening, water management,
- **Sustainable urban agriculture**, healthy food, urban gardens
- **Renovation Wave**, decarbonized & energy efficiency in buildings

Synergies

- **Sustainable urban agriculture**, Agrofood Chain, Foods Systems, Technologies 4,0



CITY- TO - CITY

REGION- TO - REGION

## Thematic Network 2:

# URBAN & REGIONAL RENEWAL AND SOCIAL COHESION (A more connected & social Europe)

Synergies

- **Urban Agendas/planning**, SUD Strategies, public space, urban model (eg. 15 min. vision)
  - **Mobility & Transport**, street for people, superblocs, metropolitan connections
  - **Urban Poverty**, deprived neighbourhoods, housing, social cohesion
- 
- **Industry 5.0** (Regions) bigger Competitiveness, Productive Diversification

CITY- TO - CITY

REGION- TO - REGION





## Thematic Network 3:

# INNOVATIVE, SUSTAINABLE & CARBON NEUTRAL ECOSYSTEMS AND STRATEGIC SECTORS ( A smarter Europe)



Synergies

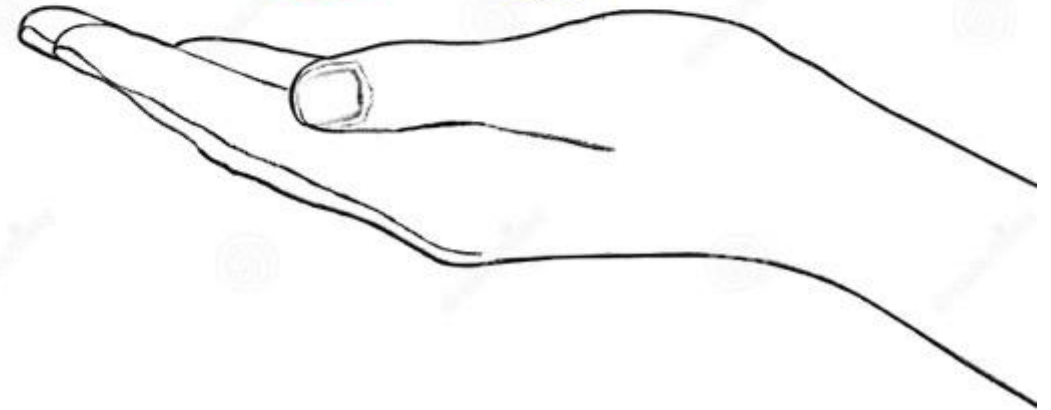
- Tourism & Culture
  - Health, life science, elderly, bio economy
  - Education, jobs & skills, Innovation centres, business clusters
- 
- Tourism & Culture, diversification- slow food & supplies
  - Regional Innovation & Smart and Sustainable Specialization Strategies (RIS 4)
  - Education, jobs & skills

CITY- TO - CITY

REGION- TO - REGION



# Incubation works







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**Bologna Metropolitan  
Area/NCI Nuovo  
Circondario Imolese/Italy**

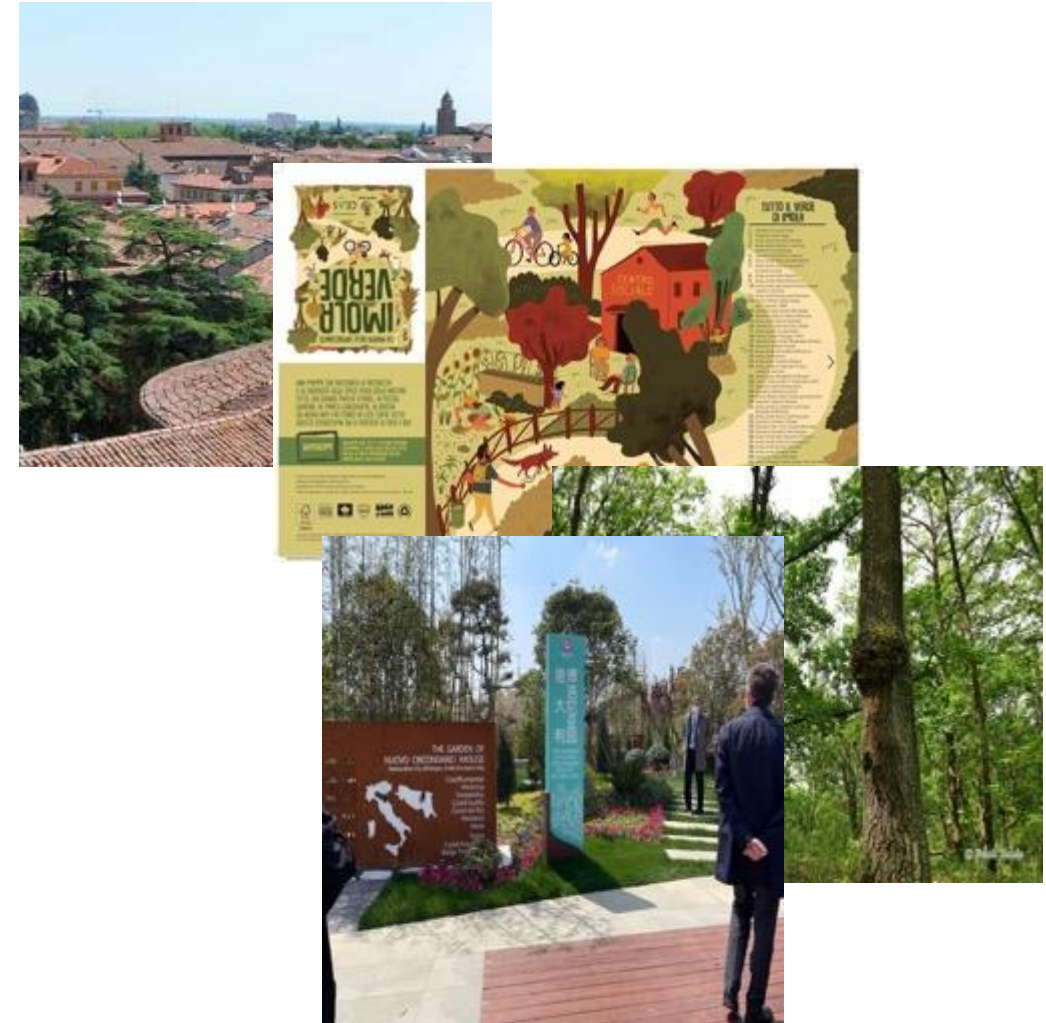


**MARINO CAVALLO**

**HEAD RESEARCH INNOVATION AND EU PROJECTS  
METROPOLITAN CITY OF BOLOGNA**

# What are we good at?

- **Sustainability** is a priority for the development of NCI territory. There are parks, natural areas and tourist attraction routes, which are particularly important for the development of sustainable tourism, culture and creativity.
- **Areas of interest for international cooperation:**
  - Nature Based Solutions ecological transition & green deal (+ tourism/culture)
  - Smart & sustainable city with technology & culture aspects acting as pillars of the cities of the future
  - Green Design, Culture and Creativity Research Center



Marino Cavallo

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## IURC Annual Event 2021 – Innovative, Sustainable and Carbon-neutral ecosystems and strategic sectors

- Presenter: WU Kaiyang, Haikou DRC, Hainan Province 吴楷杨（海南省海口市发改委）
- Date: 24/11/2021

**Haikou, Hainan Province, China**  
**海南海口/中国**



**WU Kaiyang 吴楷杨**

**Chief of Economic System Reform Section, Haikou DRC,  
Hainan Province**

**海南省海口市发改委 经济体制改革科 科长**



## 正确处理发展和生态关系（海口市） Find a balance between development and ecology (Haikou City)

Accelerate the restoration of urban ecosystems. Ten projects of urban ecological enhancement. The greening coverage rate of the built-up area is 42.7% and the wetland rate reaches 12.7%. In 2018 Haikou won “The first international wetland city in the world” award.

——加快修复城市生态系统。城市生态提升十大工程。建成区绿化覆盖率42.7%，湿地率达到12.7%。2018年海口荣获全球首批国际湿地城市称号。

Strengthen ecological environmental protection. Only clean energy vehicles on the road by 2030. Maintain year-round air quality excellence rate of 99%. Ranked No. 1 among 74 major cities in China for 9 consecutive years. The 1st pilot city of "World City of Health" in China.

——加强生态环境保护。2030年前实现清洁能源汽车全覆盖。空气质量优良率常年保持在99%。连续9年位居中国74个重点城市之首。中国第一个“世界健康城市”试点城市。



Before ecological restoration  
生态修复前



After ecological restoration  
生态修复后



Haikou actively improves the layout of new energy vehicle charging piles.

海口市积极完善新能源汽车充电桩布局



## 正确处理发展和生态关系（海口市） Find a balance between development and ecology (Haikou City)

Vigorously promote green and low-carbon transition. Advocate urban and rural residents to practice low-carbon lifestyle. On Hainan "June 5th" Environment Day, the carbon emissions were 3,215 kg, 2,000 mangroves planted, and carbon neutrality is expected to achieve in six years.

——大力推进绿色低碳转型。倡导城乡居民践行低碳生活方式。海南省“六五”环境日主场活动碳排放量3215千克，种植红树林2000株，预计6年内实现碳中和。



**Dongzhaigang Mangrove National Nature Reserve**  
东寨港红树林国家级自然保护区

Thank you!  
谢谢

WU Kaiyang 吴楷杨  
tgk@haikou.gov.cn



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# IURC Annual Event 2021 – Innovative, Sustainable and Carbon-neutral ecosystems and strategic sectors

- Presenter: Slaveya Georgieva (Innovative Sofia)
- Date: 24/11/2021 – 11:00 - 12:00 CET



**SOFIA / BULGARIA**



**SLAVEYA GEORGIEVA**

**SENIOR EXPERT**

# What are we good at?

- Digitalization and innovation: E-government, smart city projects, big data, digital twins
- Smart mobility and green and on-demand transport projects
- Waste management and resource efficiency
- Local and international dialogue, collaboration and co-creation to facilitate sustainability and better quality of life



Slaveya Georgieva  
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# IURC Annual Event 2021 – Innovative, Sustainable and Carbon-neutral ecosystems and strategic sectors

- Presenter: Mr. Shishir Shrivastava, Deputy Commissioner, Gwalior Municipal Corporation, India
- Date: 24/11/2021 – 11:00 - 12:00 CET

Gwalior / India



**SHISHIR SHRIVASTAVA**

DEPUTY MUNICIPAL COMMISSIONER, GWALIOR  
MUNICIPAL CORPORATION, INDIA



# What are we good at?

- Significant Heritage History – Gwalior is home to number of public and private heritage buildings which are of huge importance globally
- Current Wave of City Projects – ICC, Incubation center, river rejuvenation project and other relevant projects where the city lead by example
- Motivation – Not just the political and administrative leadership is motivated but the citizens in general are motivated to project the city as the best city in all aspects of life
- Continuation from the IUC Program – Understanding of the cooperation projects, international networking and aspiration to better project Gwalior city in close cooperation with Leuven, Belgium with which we developed a very effective exchange especially on principles of heritage conservation
- Next Steps – Focus on “Smart Revival of Old Streets”, Continue cooperation with IURC and Leuven teams, exchange visits, preparation of urban cooperation action plan, identification of pilot action, support for implementation





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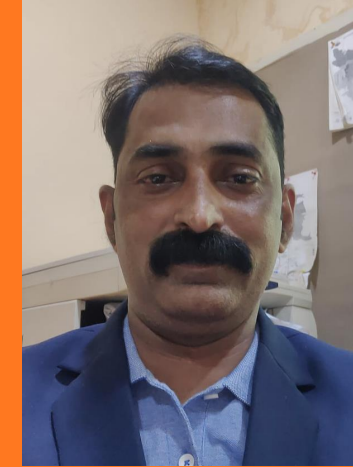
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