

Resilience of historic city centers to cope with climate change

Giovanni Fini
Municipality of Bologna

9th Global on Urban Resilience
and Adaptation – Bonn 26-28
april 2018

E3 Preserving cultural and
natural heritage for enhanced
urban resilience





Regeneration and **O**ptimisation
of **C**ultural heritage
in creative and **K**nowledge cities

ROCK | facts & figures

- Call Topic: SC5-21-2016 - Cultural Heritage as a driver for sustainable growth
- Project coordinator: Municipality of Bologna
- 13 European countries
- 32 International Partners (plus 5 Linked Third Parties)
- 10 Municipalities, 7 Universities, 3 City Networks (Eurocities, ICLEI and LUCI), Business Networks, PMI, Development Agencies, Foundations
- 10.586.948,74 € Budget
- Project start date: 1st May 2017
- Project duration: 36 months



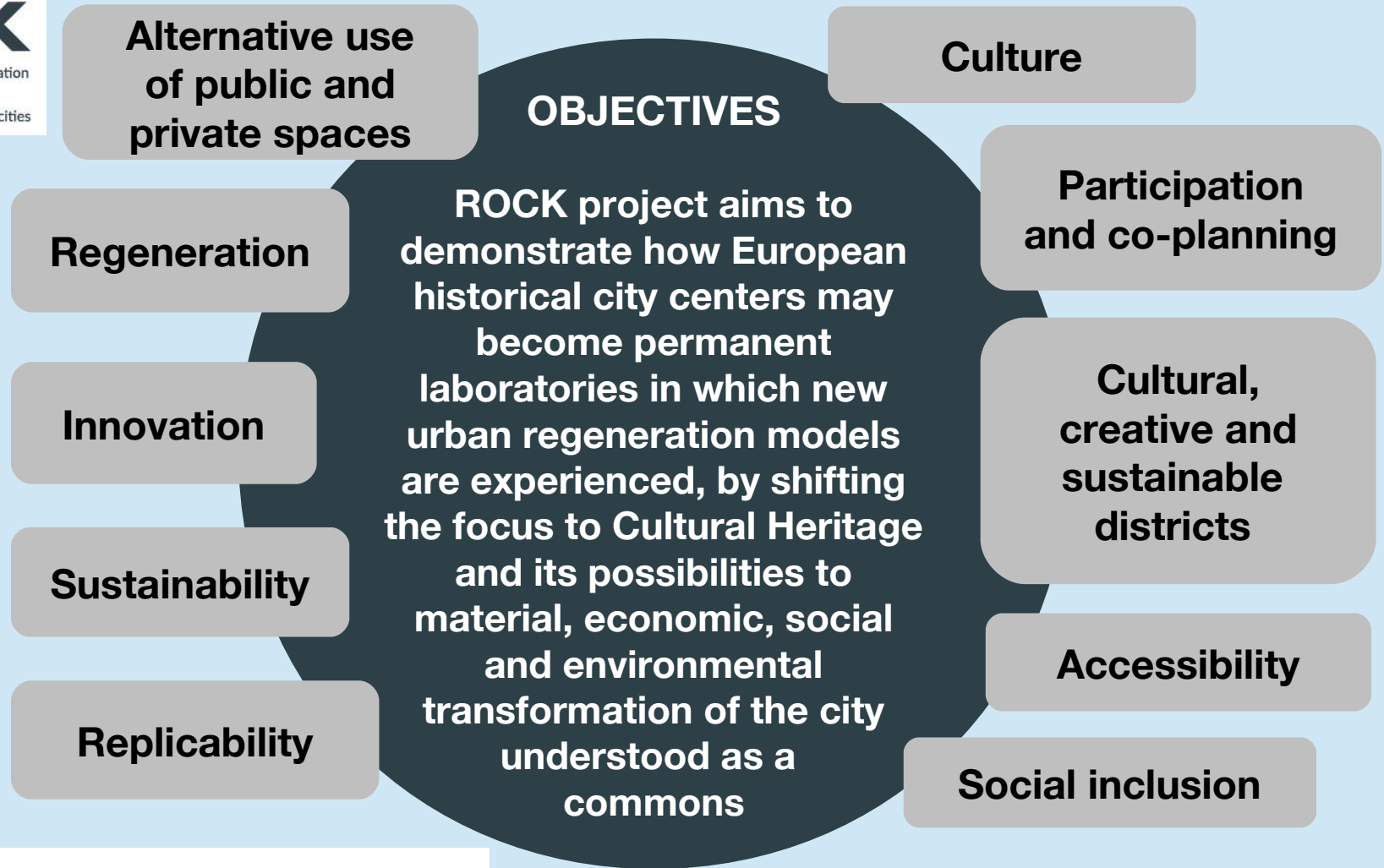
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730280

Rockproject.eu

ROCK | Main objectives

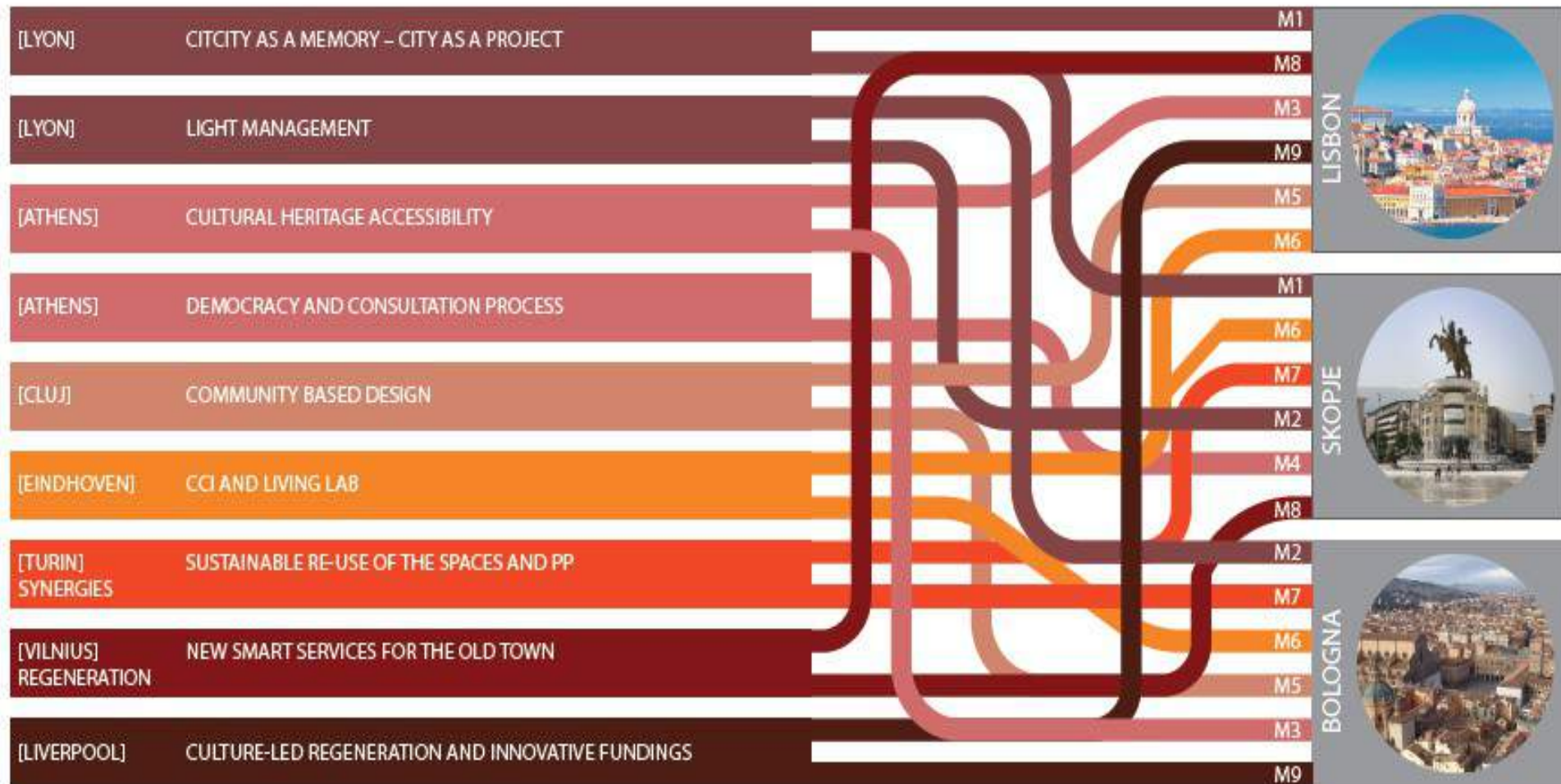
ROCK

Regeneration and Optimisation
of Cultural heritage
in creative and Knowledge cities



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730280

ROCK | Knowledge sharing and mentoring model



AGGREGATORS

AREA INITIATIVES LOCAL NETWORK

Commercial axis
Via Indipendenza

University area Piazza Rossini

Portici UNESCO Call

Ghetto Ebraico botteghe area

University area Piazza Scaravilli

University area Piazza Verdi
Teatro Comunale

University area Palazzo della Viola

University area Museo di Fisica

University area Museo delle Cere
Anatomiche Luigi Cattaneo

University area Dipartimento di Scienze
dell'Educazione G. M. Bertin



Municipal library Sala Borsa

Palazzo Re Enzo

Palazzo Ronzani
Ex Cinema
Modernissimo

Central underpass
Officine creative project

University area Via Zamboni

Jews
Museum

University area
Palazzo Malvezzi

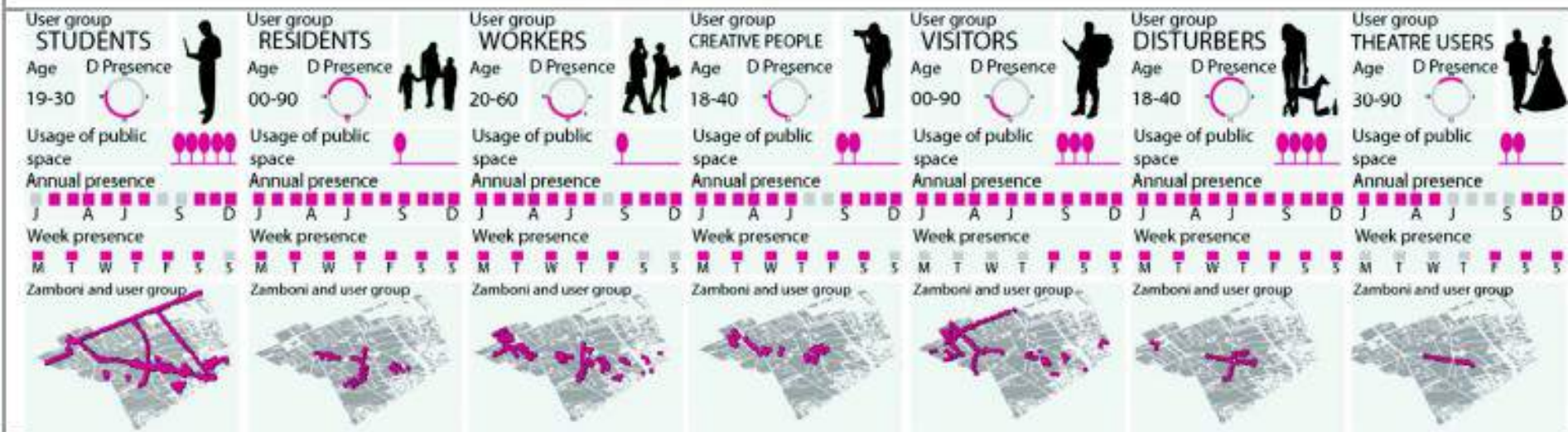
University area Via Petroni

University area
Piazza Aldrovandi

University area
University district

BOLOGNA REPLICATOR CITY

375'900 inhabitants. Zamboni SCCD: 350,000 m², 6 museums, 3 libraries, 8 University buildings, 1 main theatre



Demonstrator sites: by adopting Local Adaptation Plan (BlueAP project) to address a sustainable growth, the city of Bologna translated its political commitment into action. A special attention is given to the historic city center where the project focuses. The specific sites of intervention are: 1. Bologna porticoes; 2. University & municipal libraries; 3. the main Theatre and Piazza Verdi; 4. Zamboni District's Museums (including: 11 University Museums and 5 Civic Museums + 2 Cultural production systems; Academy of Fine Arts of Bologna; Conservatory of Music Giovanni Battista Martini); 5. Historic city public spaces (Network of squares, courtyards, and inbetween spaces); 6. D'Accursio Palace, Modernissimo Underpass.

ROCK vision is developed transforming the University area in the historical city-centre into a Sustainable Cultural and Creative District (Zamboni SCCD) by improving safety, mitigating social conflicts, attracting visitors and tourists, entrepreneurs and private investments. The aim is to develop co-designed cultural ("multidimensional regeneration: space and time of the city") and sustainable initiatives (green mobility, living labs) in this area; to increase pedestrian flows and slow mobility with new cultural routes; enhance porticoes as a unique spatial experience of the city and adopt digital and innovative lighting solutions to improve communication and knowledge sharing.











U Lab. Living lab on three topics (sustainability, accessibility and new cultural productions) and on renovation of places



Future developments on resilience:

- Sustainability of cultural events
- University Green Office
- Public/Private partnerships



Sustainable events (pilot 2017: Run Tune Up)



University green offices



Private / Public Partnership



Thank you for your attention

www.rockproject.eu

info@rockproject.eu



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730280