COST Action CA18110: Living Labs for Underground Built Heritage valorisation

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UNDERGROUND4VALUE

Summary

COST
EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY

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UNDERGROUND4VALUE

1. The Underground Built Heritage (UBH)

UBH: Underground artefacts (historical and cultural exclusivity) such as:

- **Cultural and religious places**

- **Spaces for housing**

- **Mining activities,**

- **Food production and storage**

- **Natural resources' distribution**

- **Infrastructure**

A DEFINITION

Underground Built Heritage (UBH) encompasses three types of building activities, namely architectural, urban and landscape heritage beneath the surface of the earth, which the contemporary generation resolves have "cultural values".
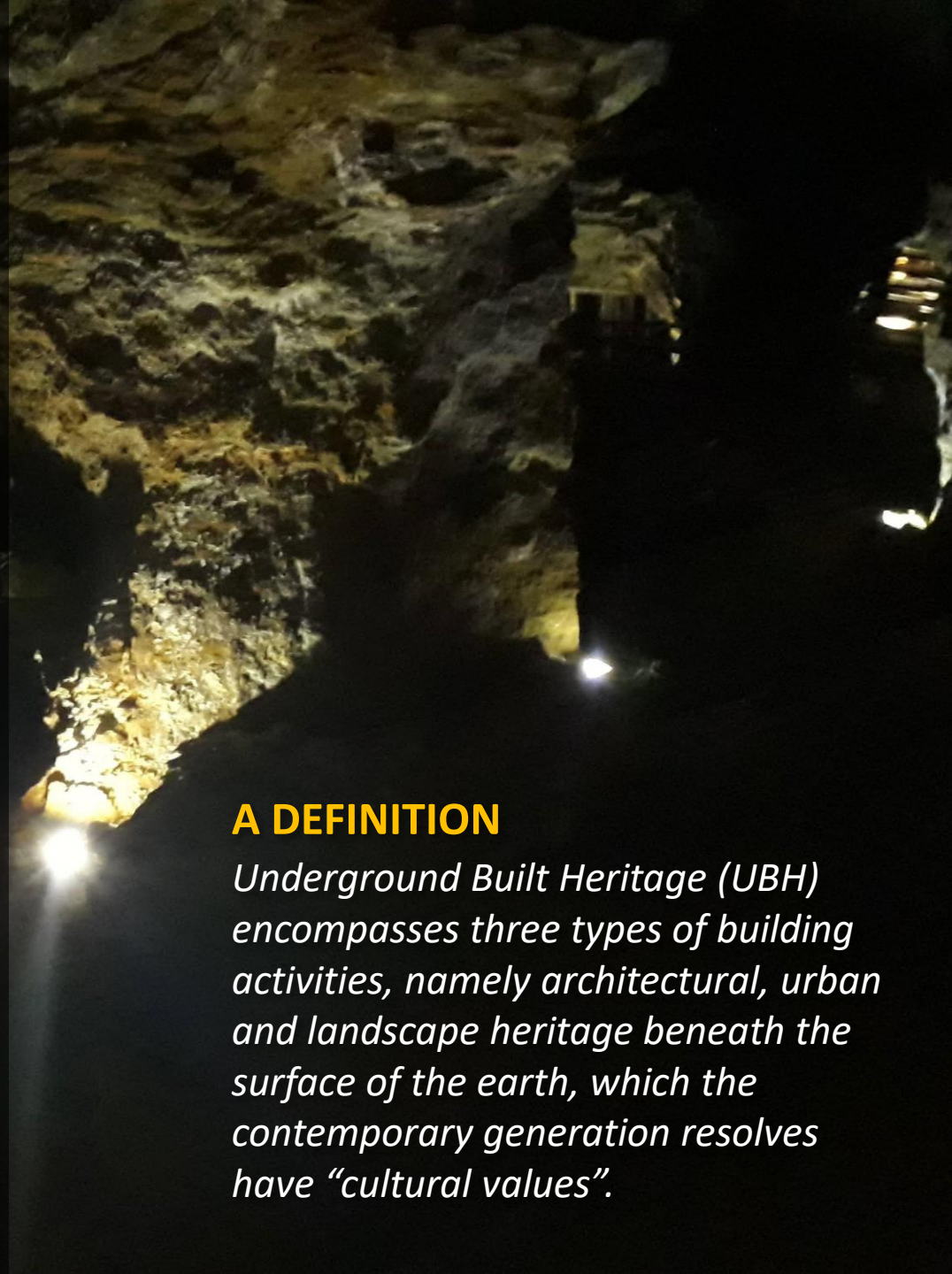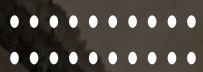
2. COST Action CA18110 Underground4Value

The Action is active from May 2019 to April 2023

At today, it is composed by 30 Countries, 125 members, organised in 5 Working groups, and is open to all interested organisations

The Challenge

- Promoting UBH as a valuable resource to celebrate and preserve and, when sustainable, to re-use and valorise, realising its full potential to support local communities' development

How

Establishing a Network to interact with local communities, disseminate innovative thinking and support them to explore alternative social trajectories

3. The Approach

Objectives

- Balanced and sustainable methodology for supporting UBH conservation and re-use
- New skills for planners, decision-makers, promoters, and local development facilitators
- Activating UBH potential for empowering local communities
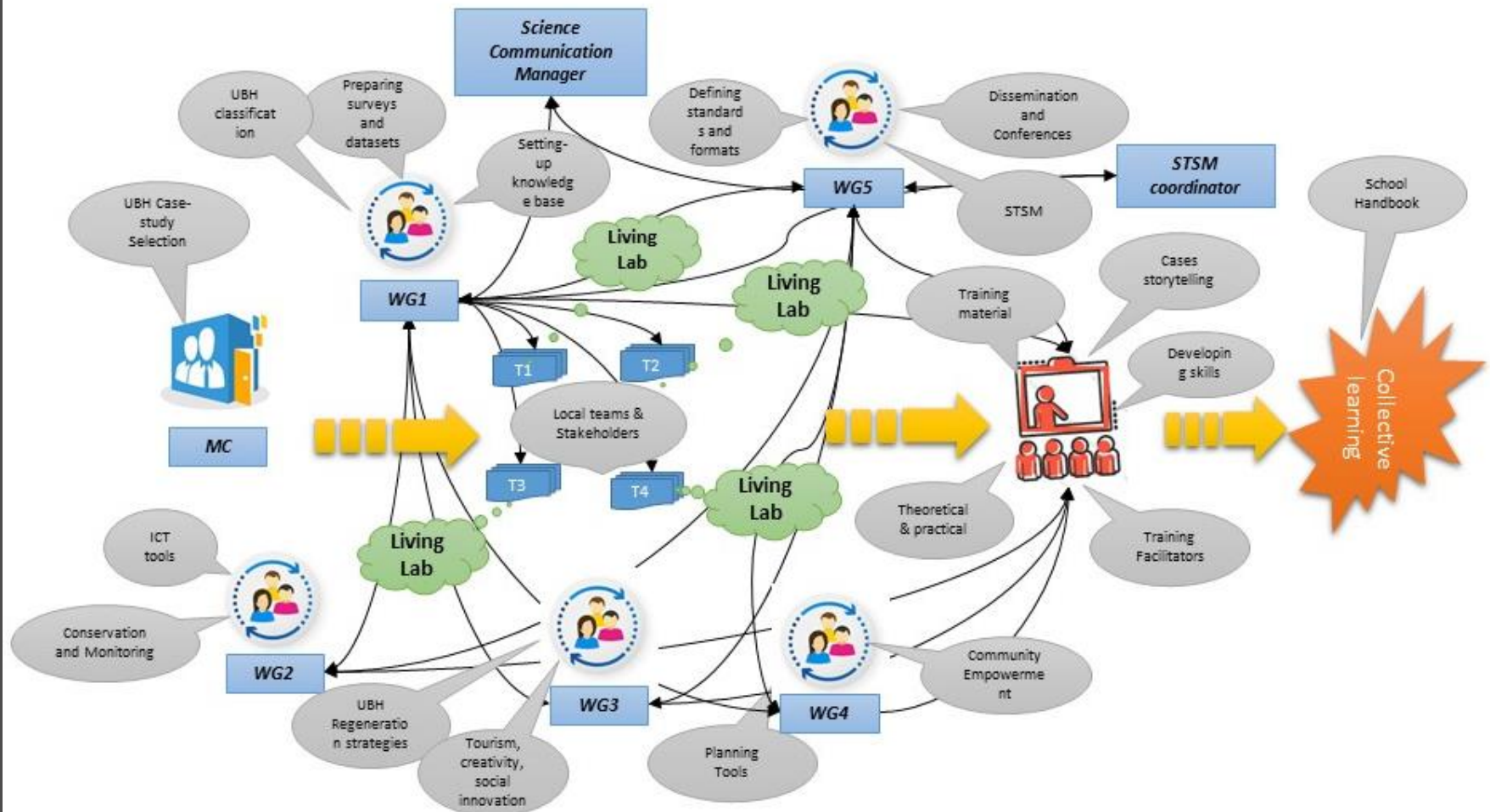
4. Case Studies 2019

- **Fontanelle Cemetery (Naples, IT):** agreement between Municipality and local community for its sustainable co-management

- **Göreme (Cappadocia, TR):** Alternative local community-led initiatives to complement the government's conservation endeavors

- **Classic Karst (Postojna, SI):** Local development initiatives for changing *governance* approach for UBH valorization

- **La Unión (Murcia, ES):** Mining culture as an instrument to learn about sustainability in a complex and natural ecosystem. And develop a non-seasonal sustainable tourism

5. Living labs

Objectives

- Operate, document, and manage strategies for fostering sustainability, innovation, learning and social inclusion at different scales

- Encourages new forms of collaboration of key actors to develop a more favourable environment for culture, talent, entrepreneurship, creativity and innovation

Living Lab

Protected place to develop and experiment new practices promoting external landscapes and innovation

Living Lab

Living Lab

Living Lab

Living Lab

T1

T2

Local teams & Stakeholders

T3

T4

5. Living labs

1. Preparatory Phase

Creating a knowledge base and developing local culture
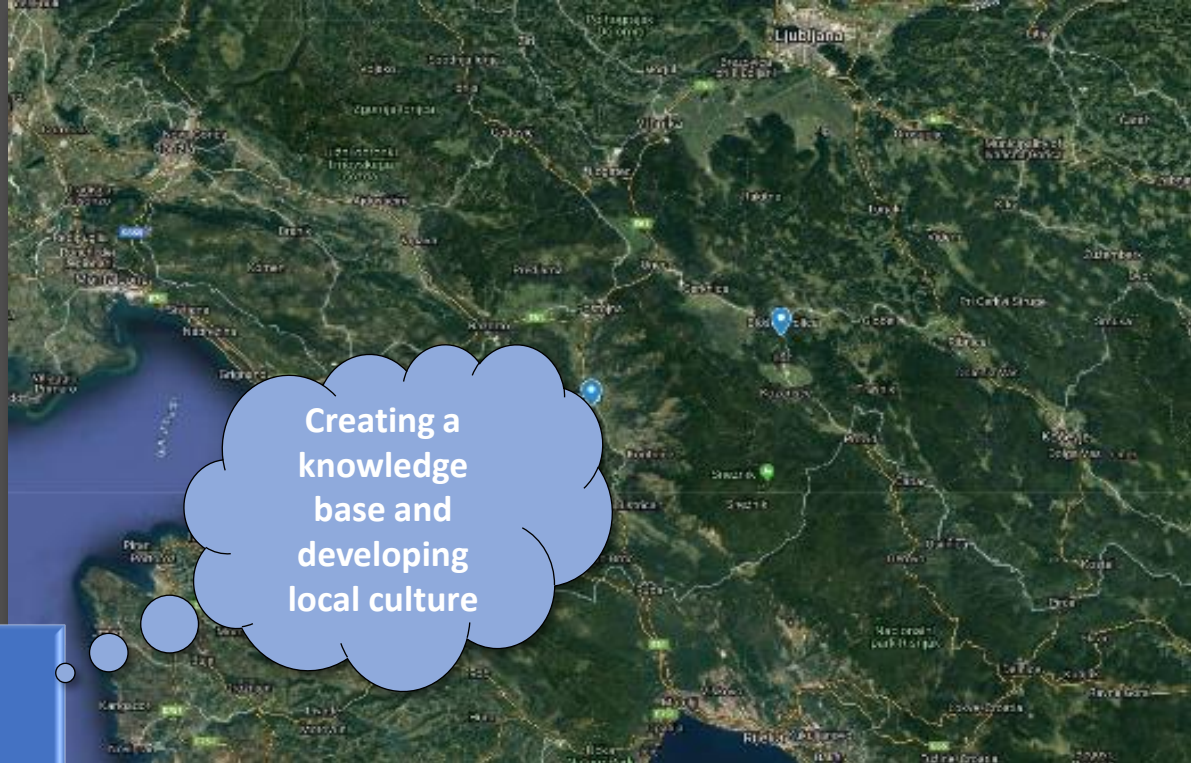
1. **Study and analysis of the selected topic (2 months)**
   a. Historical framework and selected bibliography
   b. Ecological framework
   c. Social analysis
   d. Territorial and regulatory framework
   e. Legal framework

2. **Stakeholders mapping (1 month)**
   a. Institutional stakeholders
   b. Not institutional
   c. Other stakeholders (by interviews)

Defining a potential partnership, work with TM for empowering stakeholders

5. Living labs

2. Start-up Phase

3. **Living lab establishment and organisation (3 months)**

- Goals definition

- Approach and rules structure and sharing

- Stakeholders empowerment and leaders choice

- Meetings' plan and organisation

Organising the partnership, with specific aims, objectives and governance procedures

5. Living labs

3. Operational Phase

4. **Deepening the knowledge (interviews and assessments)**
   a. UBH Classifications
   b. Oral and written narratives
   c. Comparison with similar cases

5. **New technologies for UBH conservation and monitoring**
   a. Technological topic defined and analised
   b. Expert network knowledge exchange and decision-making support (webinar)
   c. Comparison with local solutions

6. **Business and Management Models for public/private built heritage**
   a. Definition of the context
   b. Models' selection
   c. Possible alternatives

Catacombs of San Gennaro
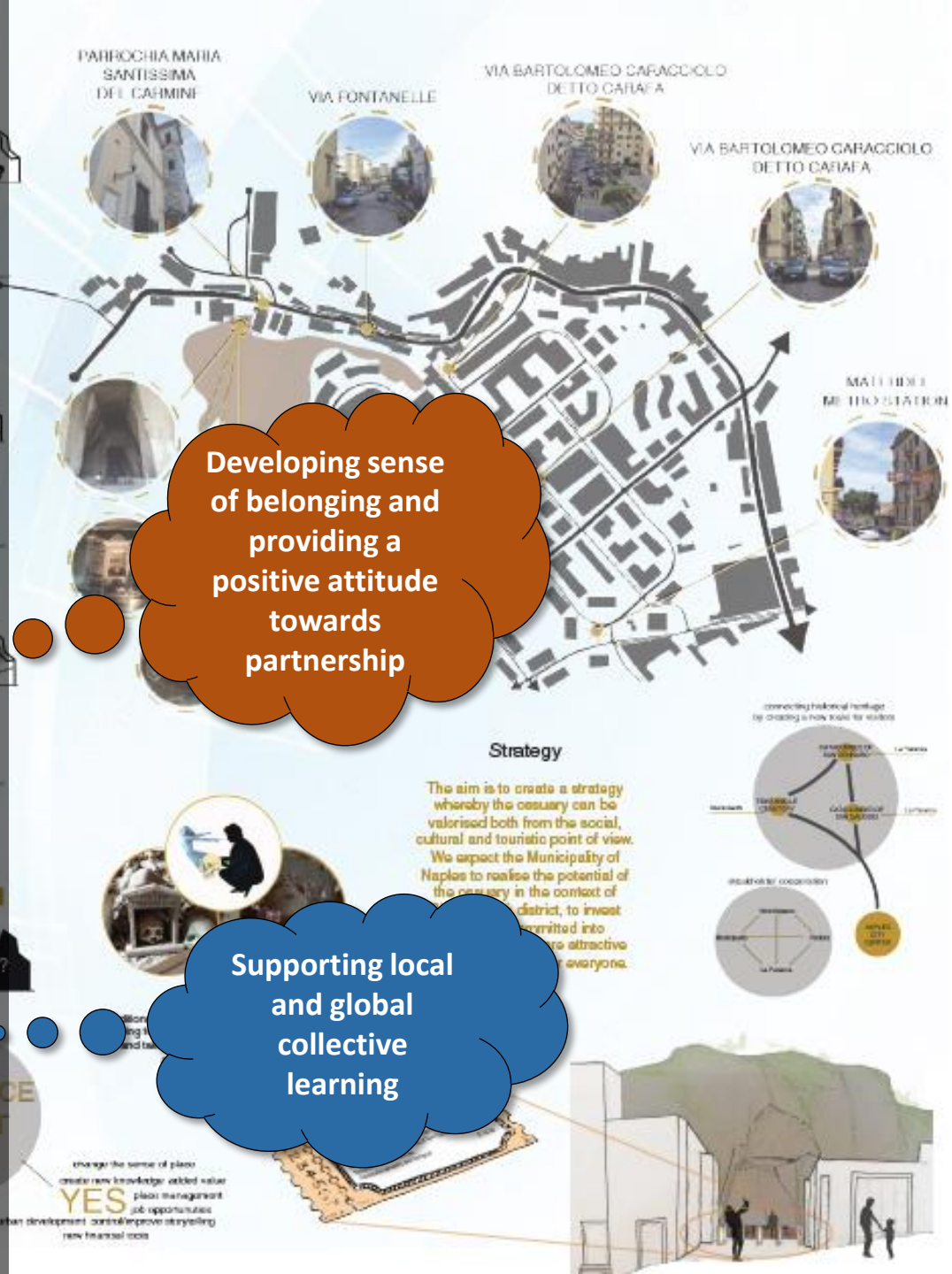
5. Living labs

4. Reflexive Phase

7. Living Lab's Storytelling (STSM e network, 3 months)
- a. Screenplay writing
- b. Materials collection (video, audio, photo, etc..)
- c. Production
- d. Post Production and finalisation
- e. Collective event

8. Living Lab evaluation and learning (STSM and Host Institution, 1 months)
- a. Questions evaluation and standardisation
- b. Training School materials
- c. Research at the TS
- d. Reports

Developing sense of belonging and providing a positive attitude towards partnership

Supporting local and global collective learning

6. U4V Training School

TRAINEES/COUNTRY

TRAINEES' FIELD OF COMPETENCES

- Focal point of Action activities

- Collected knowledge is explicated and shared in training modules

- Collective learning process, with trainers and trainees together for five days

- Interactive lectures on theories, methodologies and experiences, and research teamwork

- Intensive and interactive effort of developing research ideas

- Build academic and professional capacity

- Integrate multi-disciplinary knowledge about the UBH with an innovative planning approach
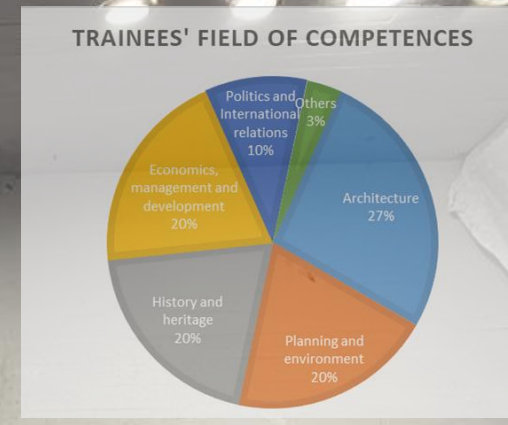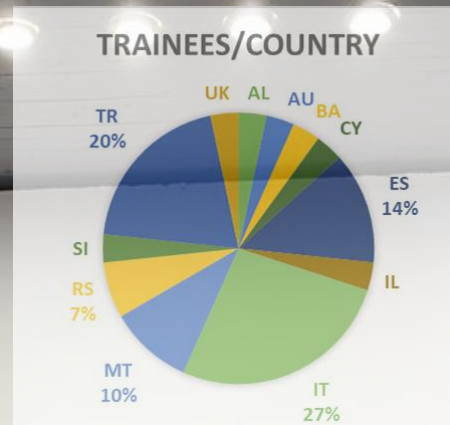
The Training School was held in Naples, Castel dell'Ovo February 10-15th 2020, with the participation of 30 trainees from 12 countries
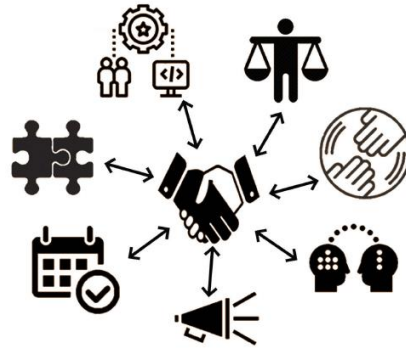
7. Conclusions

*…pursues **social innovation**, by empowering local communities, recognizing and respecting their **cultural heritage**, while co-developing innovative and traditional practices to favour **more effective management** and governance of **multifunctional landscapes** and contributing to their resilience and adaptability*
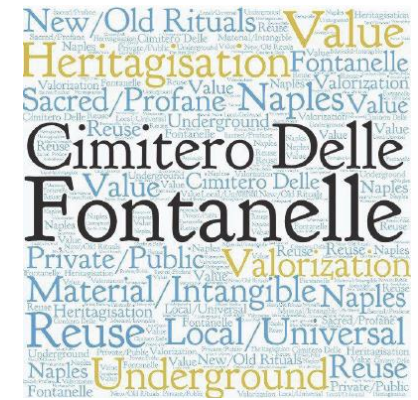
- Raising community awareness

- Making local communities more resilient

- Catalysing urban/rural regeneration

- Attracting tourism

- Engendering economic development

- Creating social well being

Thank you!

Stream into the Green

LA UNION MINES – MURCIA
JOURNEY TO THE CENTER OF THE EARTH

New/Old Rituals Value
Heritagisation Fontanelle
Sacred/Profane Naples Value
Cimitero Delle
Fontanelle
Private/Public Valorization
Material/Intangible Naples
Reuse Local/Universal
Underground Reuse

Values Göreme Morphology Memory
Infrastructure Underground Caves Inclusivity
Spiritual Valorization Heritage
Community Landscape Identity
Meaning Culture Challenges
Perception Cappadocia Crowding
Living lab Co-create Tourism KARAYA
Archaeology Recreation Empowerment

KARAYA IS CALLING / KARAY SENİ ÇAĞIRIYOR

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