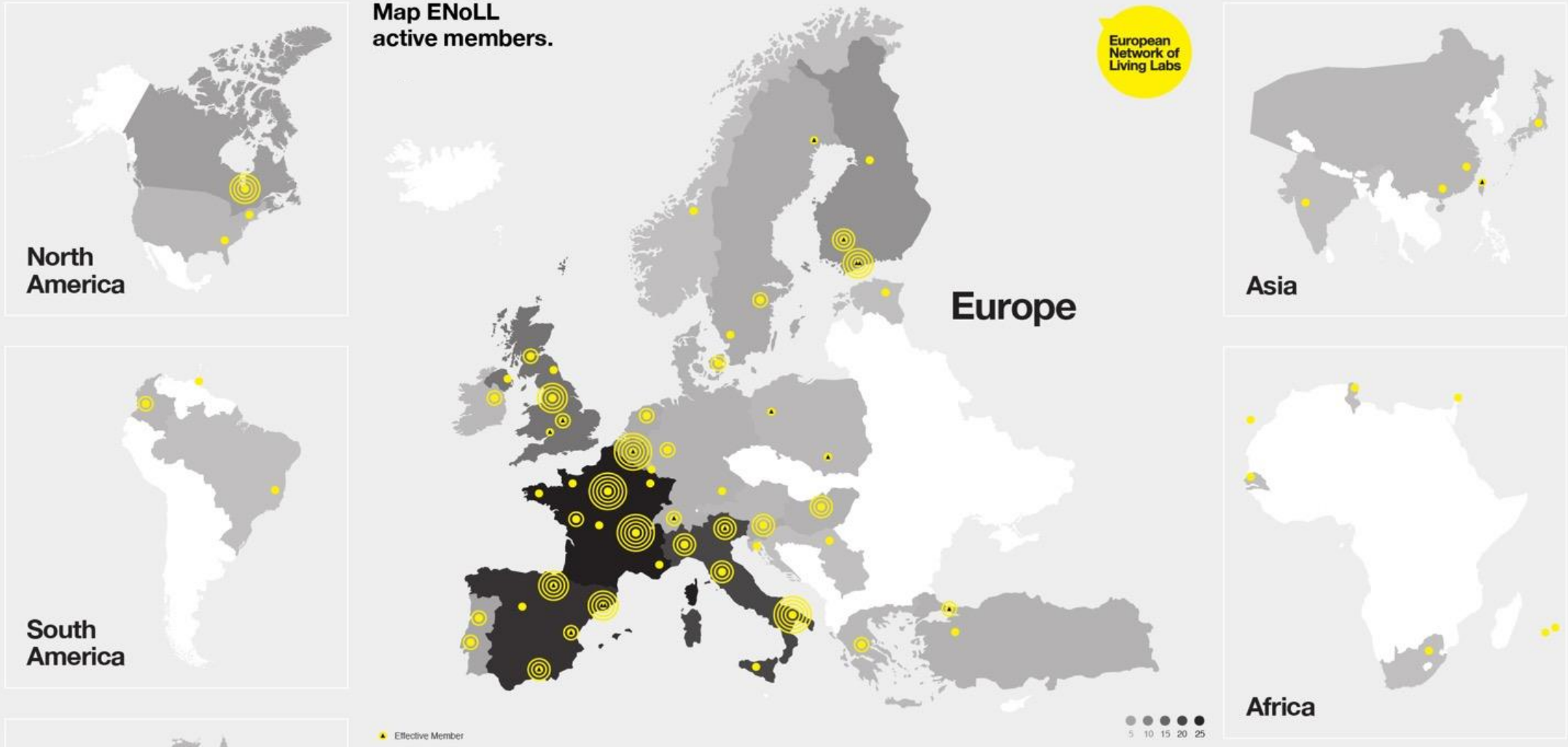
Living Labs as innovation drivers in the context of Smart Cities

Prof. Fernando Vilariño
Chairperson of the European Network of Living Labs

European Network of Living Labs

Business for Smart Cities Expocongress

Map ENoLL active members.



ENoLL active Living Labs (August 2015) / Country													
France	26	Canada	6	Germany	3	China	2	Brazil	1	Luxembourgh	1	Taiwan	1
Spain	23	Portugal	5	Hungary	3	Colombia	2	Croatia	1	Mauritius	1	Trinidad and Tobago	1
Italy	20	Netherlands	4	Switzerland	3	Greece	2	Estonia	1	Norway	1		
UK	13	Slovenia	4	Turkey	3	Ireland	2	India	1	Senegal	1	Tunisia	1
Belgium	10	Sweden	4	Australia	2	Poland	2	Japan	1	Serbia	1		
Finland	8	Denmark	3	Austria	2	USA	2	Lebanon	1	South Africa	1		

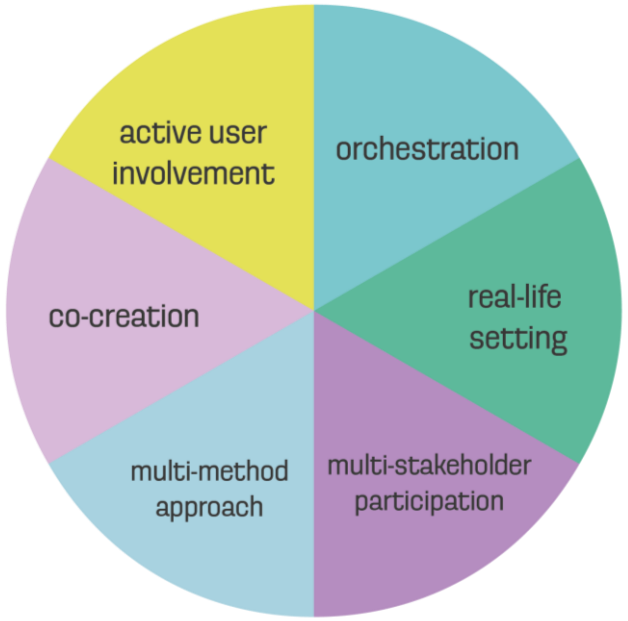
Note: this map does not show precisely the location of all living labs but highlights hot spots.

ENoLL VISION

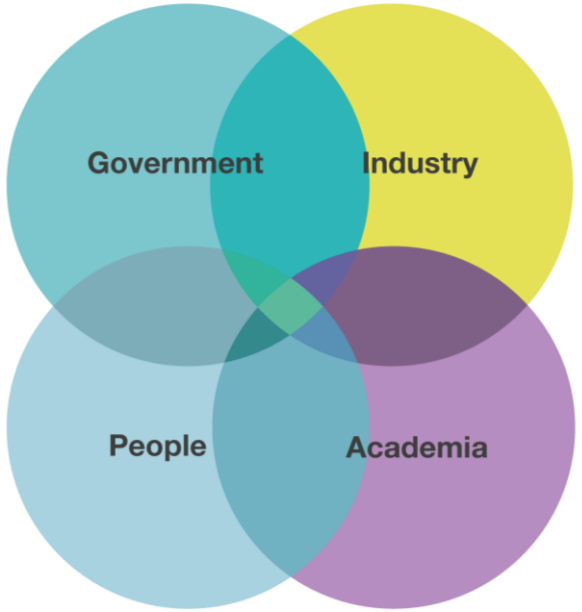
EMPOWER EVERYONE TO INNOVATE

WHAT DO LIVING LABS HAVE IN COMMON?

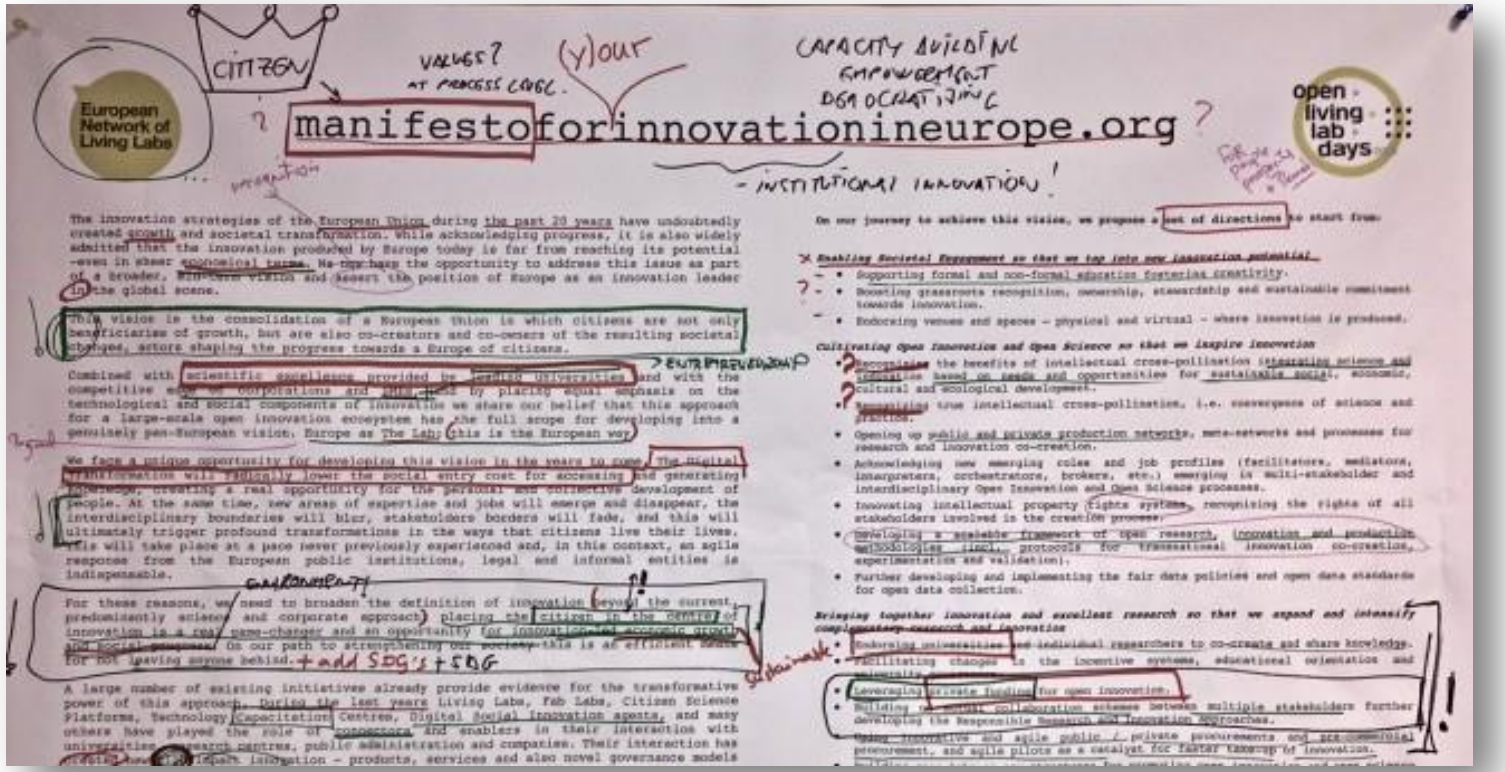
INNOVATION



Basic features



Multiple helix approach



Towards EU as The Lab

HOW?

The Digital Transformation

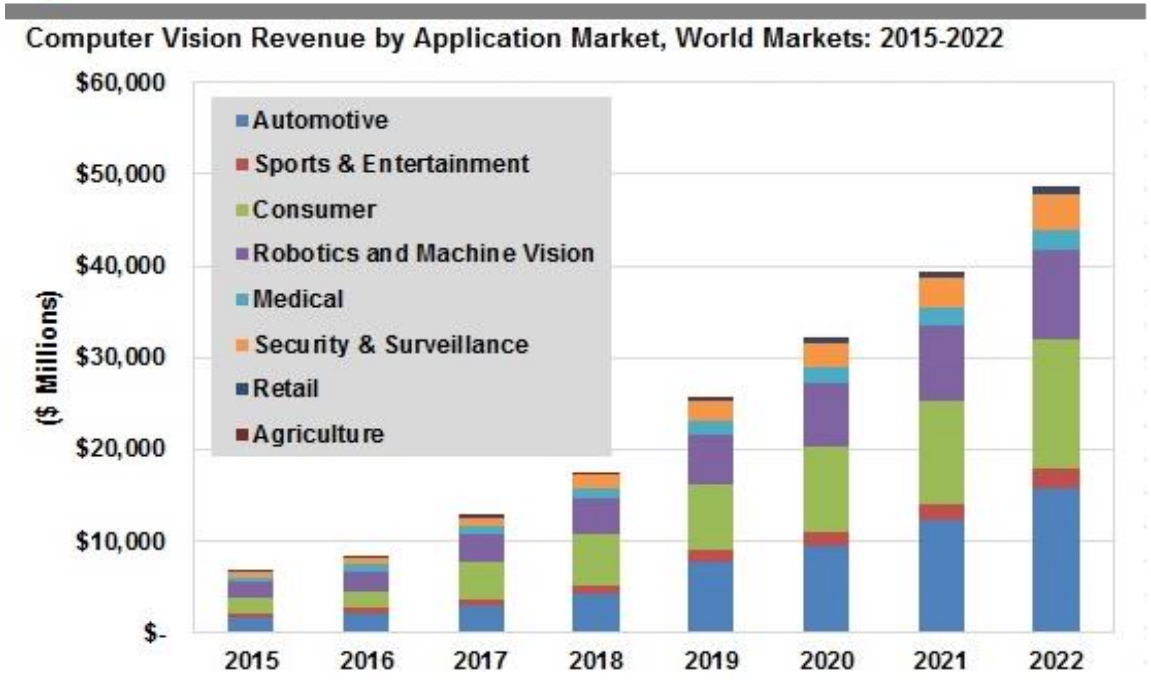
Not only an Industrial

Transformation

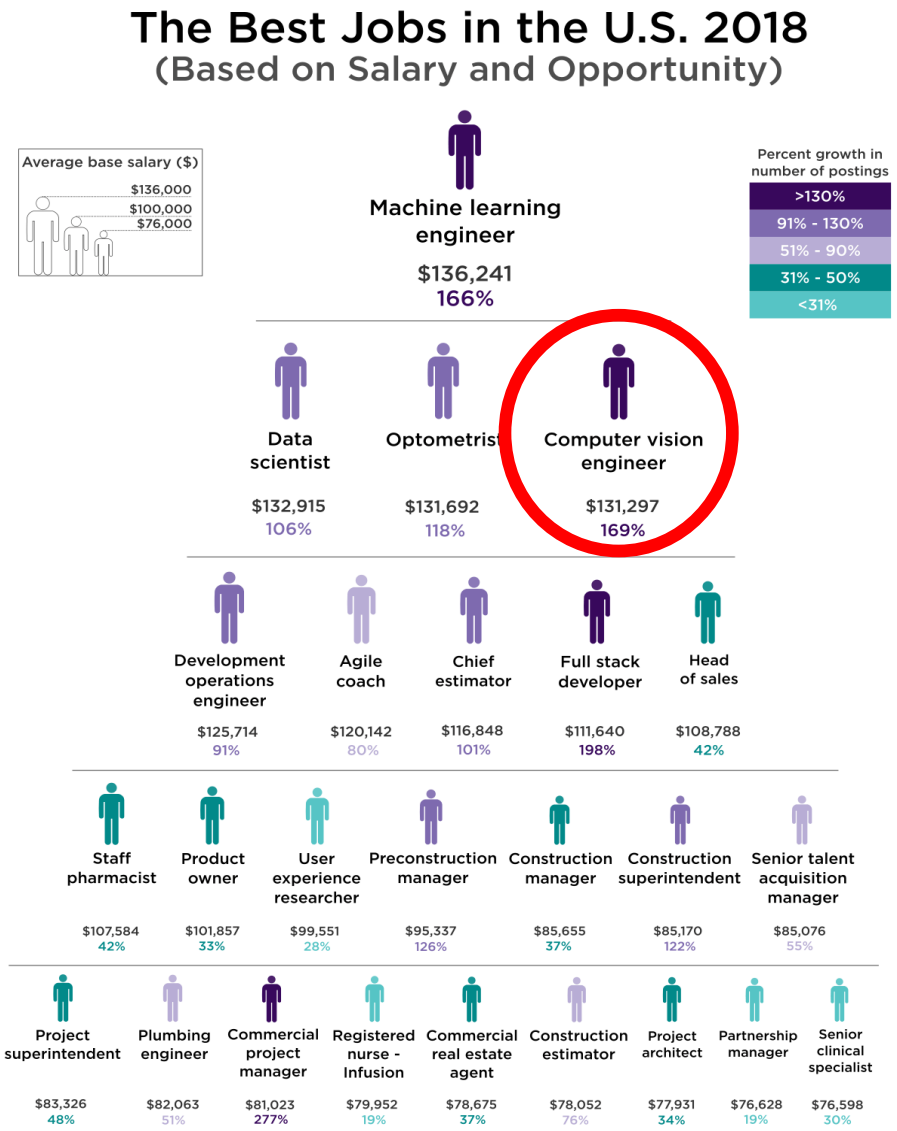
but a HUMAN TRANSFORMATION
with profound societal changes

Example of Impact of AI: Computer Vision

Tractica



Article & Sources:
https://howmuch.net/articles/the-best-jobs-in-usa-2018
https://www.indeed.com



“Is a model of society with democratized access to knowledge and innovation possible?”

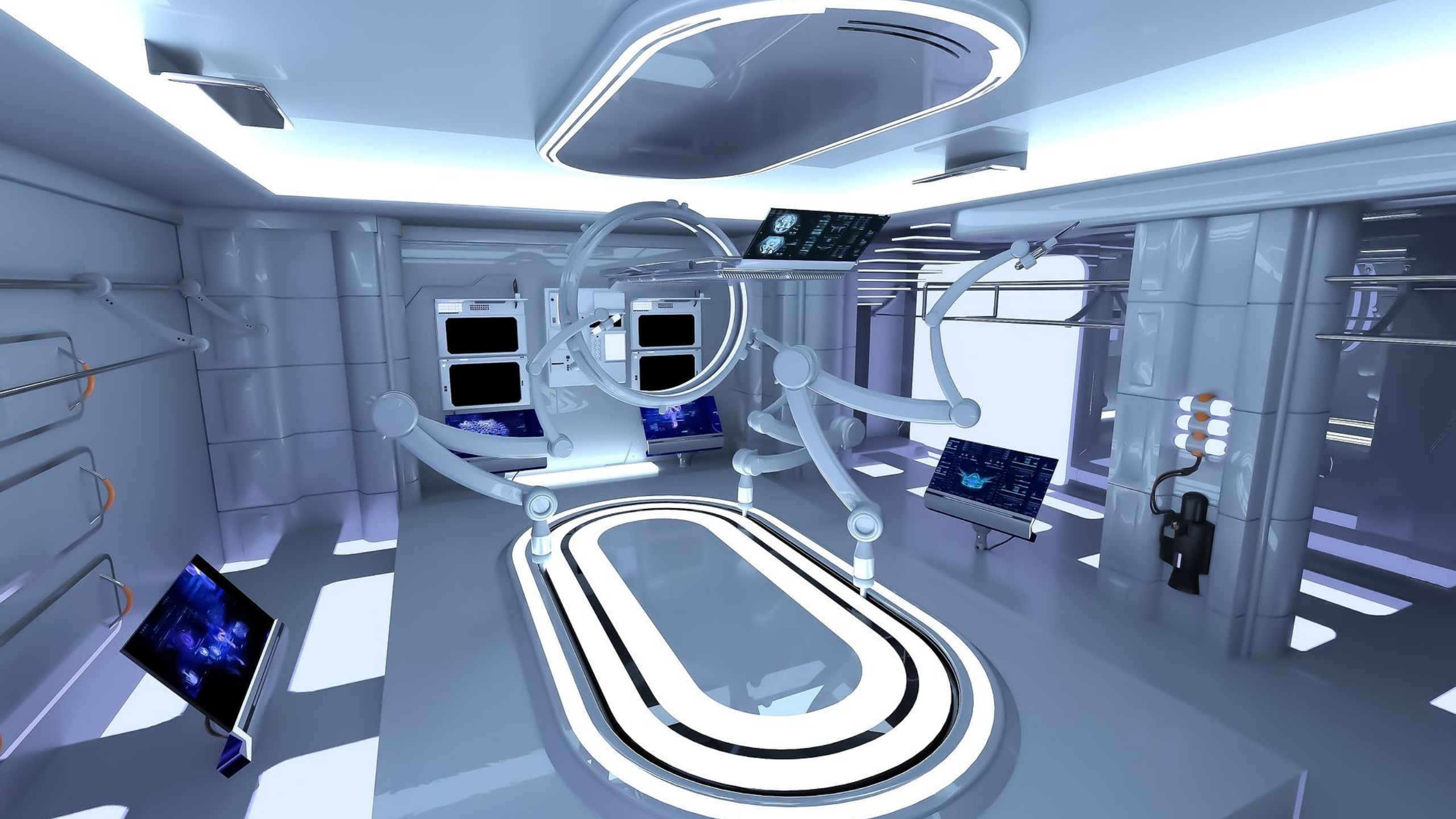
RAF
MF 1.46
5cm
TI 100.0
TR 6690.0
TE 78.0
TA 04:22
BW 80.0
p2 M/DIS2D
A2/IR
C:HL1,2;HS1,2
tir2d1_7 / 180
567-Head
28-Dec-82, M, 33Y
STUDY 1
04-Feb-16
09:54:48
5 IMA 13 / 1
RAF

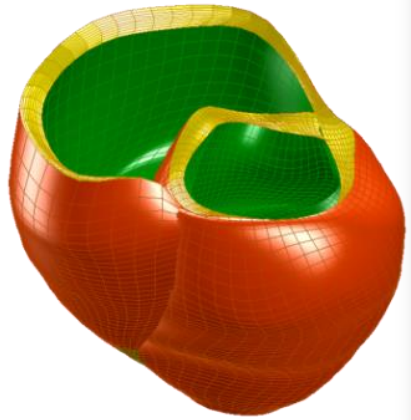
traffic sign
R3 priority sign
R-3
person
person
bicycle
bicycle
bicycle
car
car
car
car

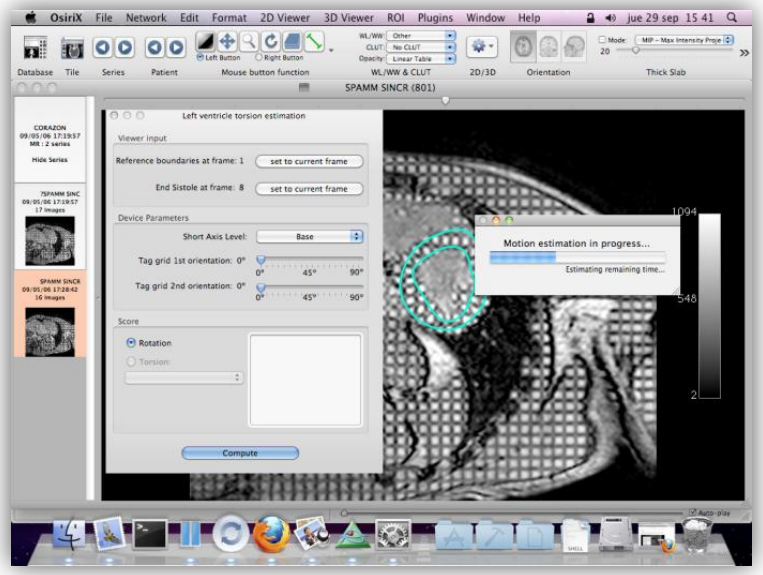
CARLA

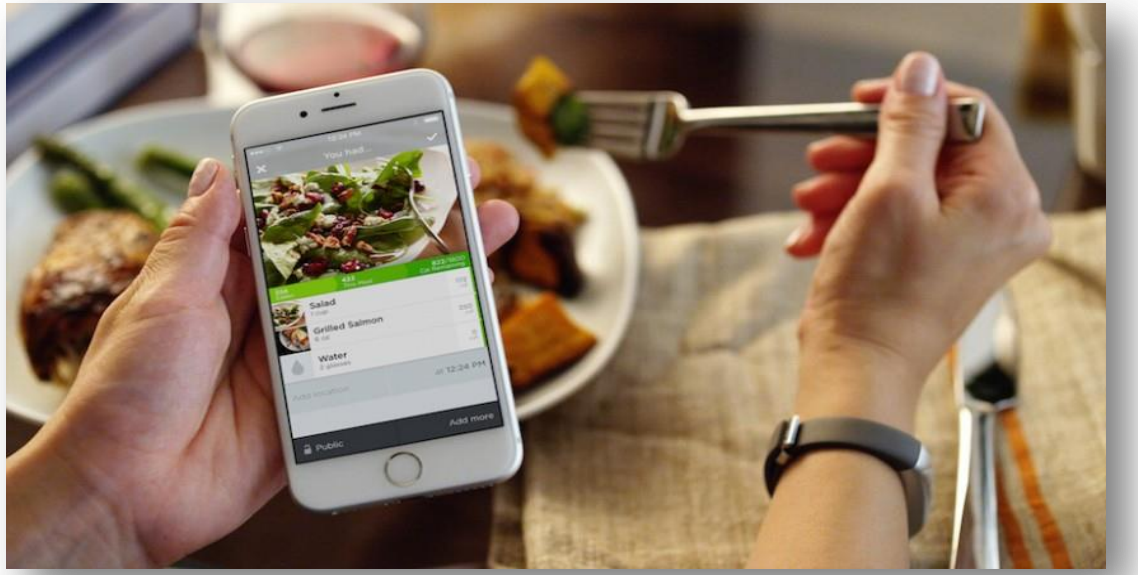
Real environments

Virtual environments

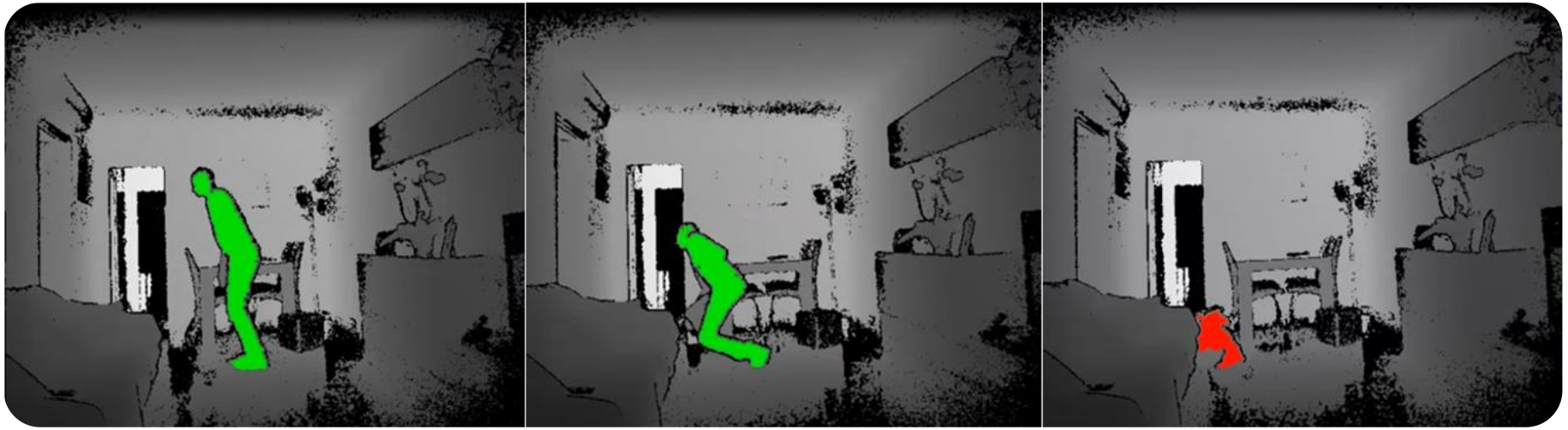






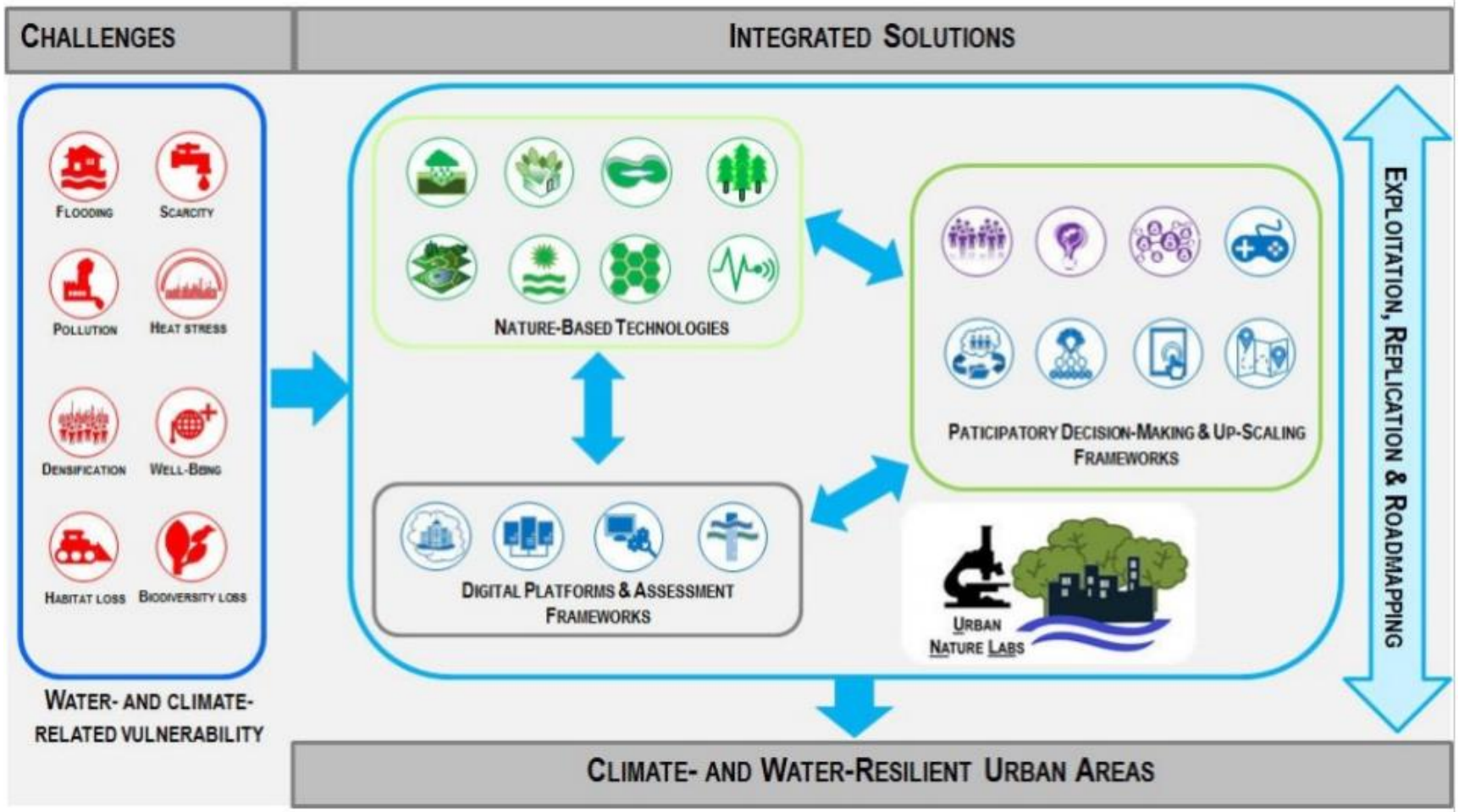


Awareness: From Patient to Protagonist



Real environments for assisted living

https://www.morgenstadt.de/en/projects/smart_city/unalab.html



Governance Models for Green Cities

2049

“*Living Labs* are good examples of most needed infrastructures for positive societal and economic transformation, hand in hand”

SYNCHRONICITY

UNaLAB
URBAN NATURE LABS

iSCAPE

EU·macs

Examples of ENoLL Transnational Projects

U4IoT

Living Labs for the Digital Transformation

- The Digital Transformation is a HUMAN TRANSFORMATION, with **profound impact.**
- Opportunity to tackle a **Human-Centric approach** for systemic change.
- New **jobs** will appear and disappear, institutional boundaries will fade.

Living Labs for the Digital Transformation

- Living Labs as **enabling infrastructures** integrating stakeholders, citizen-centric.
- **Social impact of AI, Health & Wellbeing, Green cities, Cultural Heritage.**
- The “**HOW**” is now the area for systemic socio-economic transformation.

Living Labs as innovation drivers in the context of Smart Cities

More at enoll.org
See you at Open Living lab Days
Thessaloniky, Greece 3-5 Sep. 2019

@openlivinglabs

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open living lab days 2018

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