



How digitalisation can help us transition to better cities and villages?

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“Digital technology can enable city leaders and citizens to extract, refine, and analyze data in ways that use information and networks to create cities that are circular by design”

CIRCULAR ECONOMY STRATEGIES AND THEIR POTENTIAL CONTRIBUTION TO MOVE TO CIRCULARITY PER SOCIETAL NEED



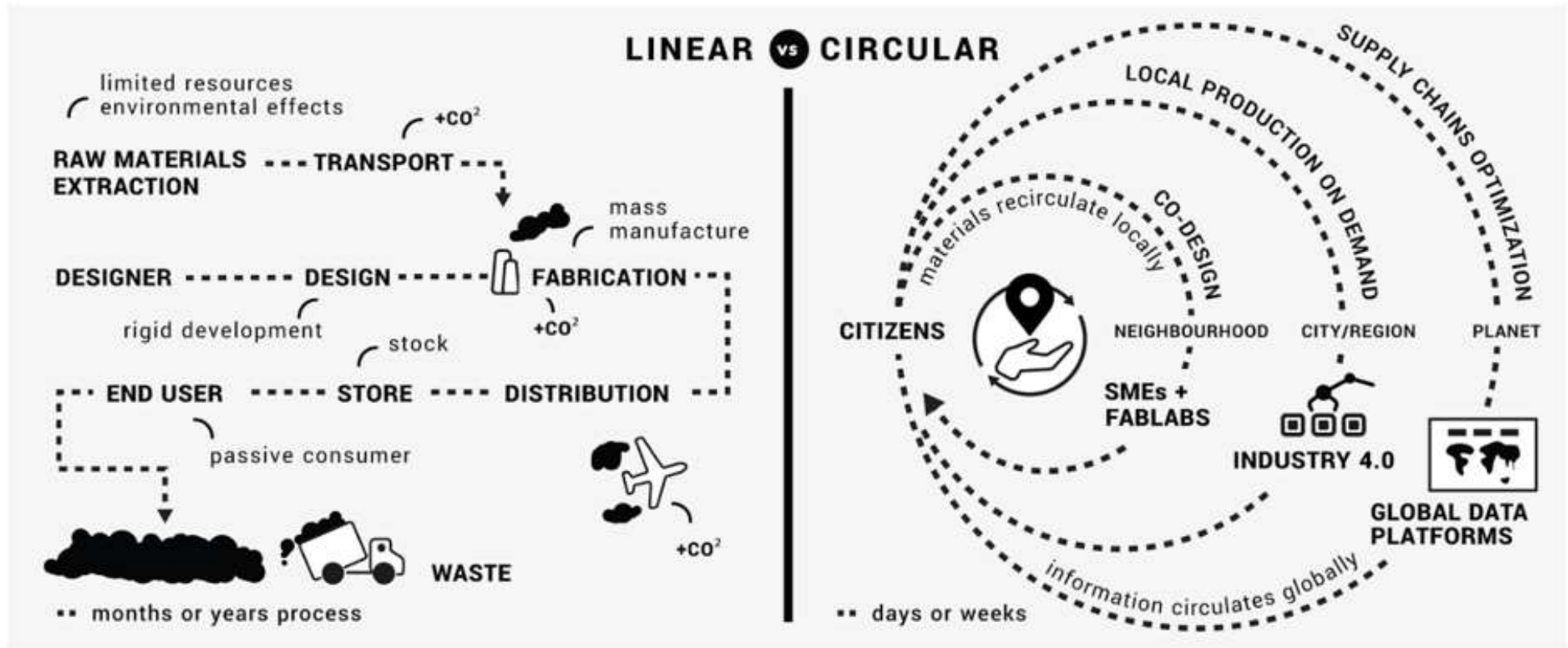
Figure 8. Circular economy strategies and their potential.

Legend: Most relevant Highly relevant Relevant Less relevant

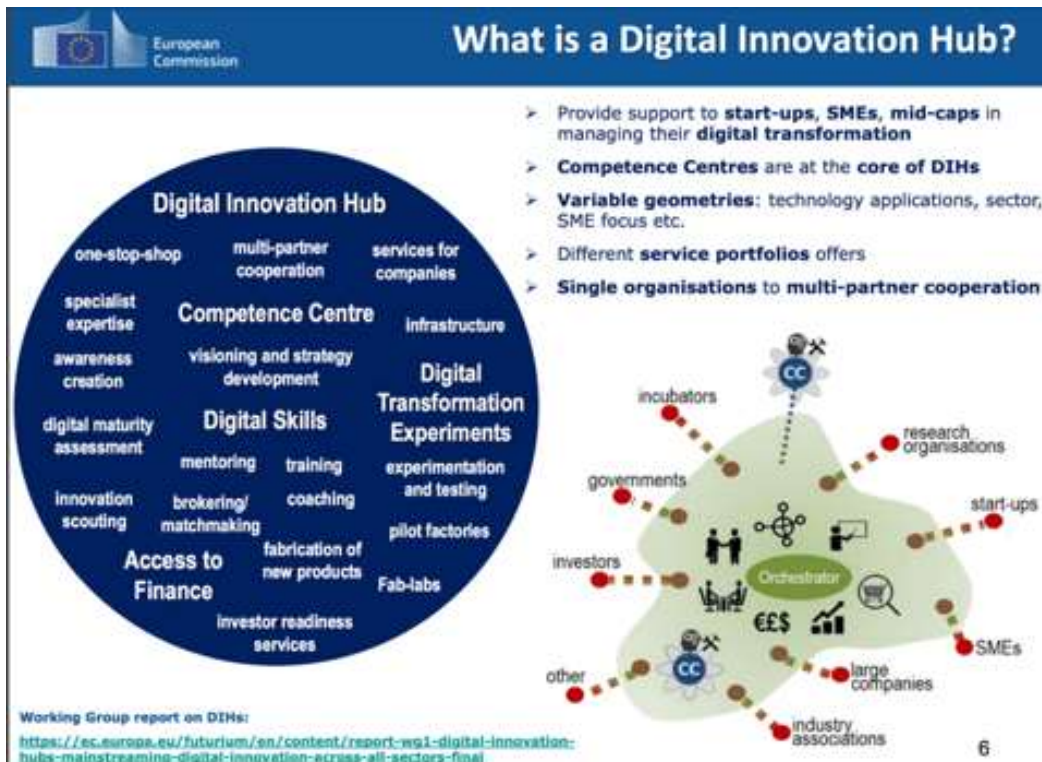
Digital technology enablers of circular economy activity in cities

- **Asset tagging**
provide information such as the condition and availability of products, components, or materials.
- **Geo-spatial information**
visibility on the flow of materials, components, products and people across the city/village
- **Big data management**
complex and agile analyses that will help to determine and deploy the most effective resource solutions at an unprecedented speed and quality.
- **Connectivity:**
 - widespread and easy access for increased connection between people, and between people and products leveraging asset tracking capabilities.

Support the development of Circular Economy



Digital Innovation Hub Slovenia



Founders:

- **Chamber of Commerce and Industry (Coordinator)**
- **University of Ljubljana, FE**
- **University of Maribor**
- **National FabLab Slovenia network**
- **Technology park Ljubljana**
- **SRIP Factories of the future (the network of manufacturing companies))**
- **IIBA (business institute)**
- **Jožef Štefan Institute**
- **TECOS (Tools development center of Slovenia)**
- **Wood Industry Cluster**

National one-stop-shop for digital transformation and competence development

01 **DIGITAL FABRICATION LABORATORIES** ARE PLACES WHERE RELATIONSHIPS ARE SET UP TO INSPIRE PEOPLE TO TURN THEIR **IDEAS** INTO **NEW PRODUCTS**



02 **HOW?** BY GIVING PEOPLE ACCESS TO A RANGE OF **ADVANCED DIGITAL MANUFACTURING TECHNOLOGIES** AND KNOWLEDGE



3DPRINTER



3DSCANNER



ARDUINO



LASERCUTTER



CNCMILL



PLOTTER



MAKING TOOLS

FABLAB

MAKING IDEAS



03 **IT'S MORE THAN 3D PRINTING.** IT IS AN EVOLVING SUITE OF CAPABILITIES TO TURN **DATA INTO THINGS** AND **THINGS INTO DATA**

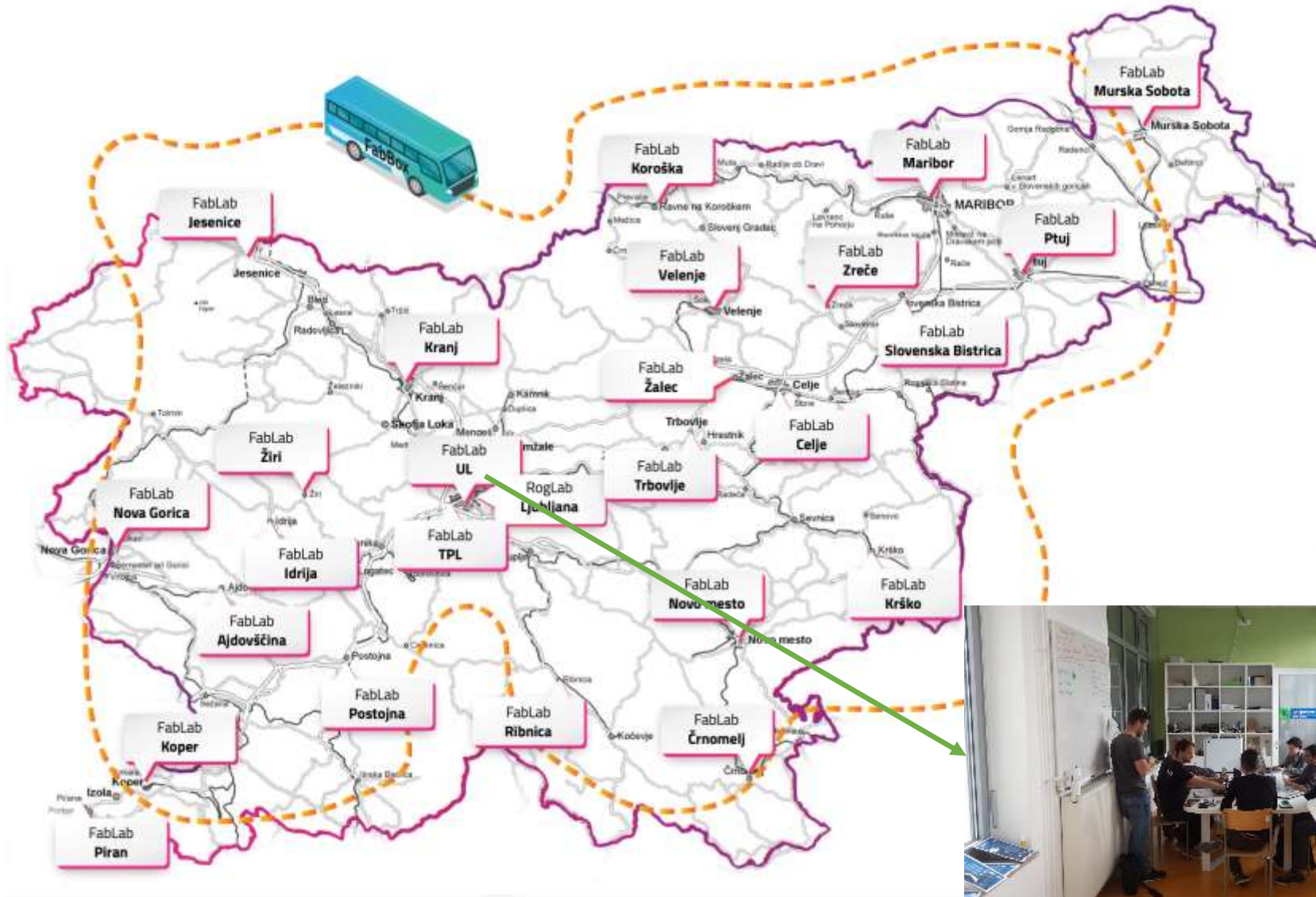


04 HOW WILL WE LIVE, LEARN, WORK, AND PLAY **WHEN ANYONE CAN MAKE ANYTHING, ANYWHERE?**



THE REVOLUTION IS ALREADY WELL UNDER WAY

Locations in Slovenia



Lets stay in touch

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