

- online, 30.03.2021
- Regions and Cities Fostering the Circular Transition #2
- Peter Tapak, František Janke

# **CIRCULAR PILOT PROJECTS - EXPERIENCE**



### Circular Pilot in Košice - Slovakia

Agrifood value chain -Circular Economy solutions

# Circular Pilot in Varazdin - Croatia

Blueprint from the field Bioeconomy circular economy solution

# Circular Pilot in Udine - Italy

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## Circular Pilot in Kranj - Slovenia

Circular economy within urban regeneration & management

## Circular Pilot in Dornbirn - Austria

Circular Economy principle in the domain AM and inteligent production





# LESSONS LEARNED IDENTIFIED

The need to create cooperation and synergies between stakeholders

The transnational dimension is crucial

Communicate with the territory to understand its needs

Resource efficiency is a fundamental dimension of the future economy

Maintain communication and cooperation between stakeholders and partners.

The success of these projects is based on the mapping of waste streams, on the technological and economic assessment of their return to the production cycle.

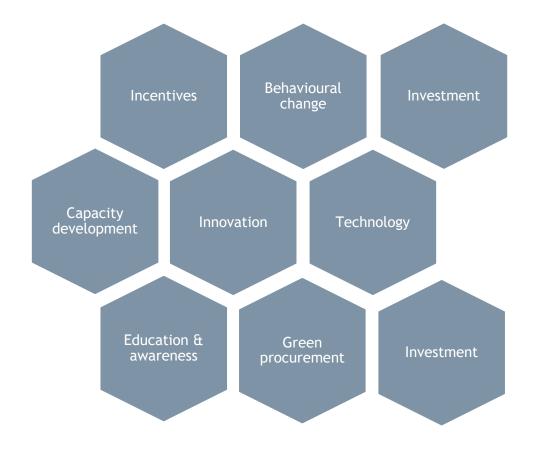
Integration between stakeholders is essential for advancing the broad circular economy

Without the need for technological and economic, environmental knowledge, without local political support, it is not possible to solve these green CE challenge

The bottom-up approach is in line with the circular economy

# **ISSUES**



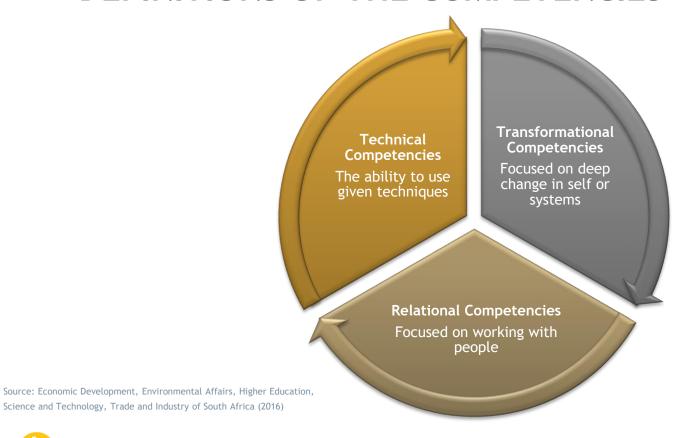






# **DEFINITIONS OF THE COMPETENCIES**







### **COMPETENCES MIX**



#### Technical Competencies

Ability to develop a business case for a green economy initiative (ability to determine how it would

Ability to set up intelligent data gathering and data management systems - to track impact

Modeling - ability to produce & use models

Visioning - ability to envisage & represent alternative systems & futures, using problem identification & analysis

responsiveness ablility to analyse context & match the initiative to it; think laterally; seei new connections

Context

and opportunities

in complex

situations

Systems thinking and ability to work with(in) complexity

Working with policy knowledge of and ability to interpret and apply policy & regulatory frameworks ito mandates; integrate environment in mandates: policy integration

Evaluation - ability to determine ecological, social & financial impact & potential impact

make business sense

Ability to work with qualitative and quantitative data

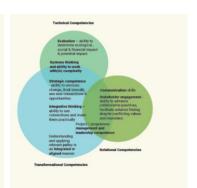
Resource economics i.e. the ability to determine the economic value of natural resources such as biodiversity and water or landscapes;

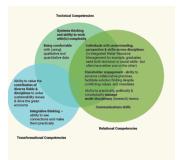
Sustainability - understanding & valuing social, economic & ecological outcomes; ability to determine financial value (resource economics and cost accounting) & social benefit; understanding how to integrate across these domains

> Stakeholder engagement ability to build partnerships, coalitions, shared values & ownership in the face of diverse values & mandates

Ability to communicate value to diverse stakeholders

Relational Competencies





Source: Economic Development, Environmental Affairs, Higher Education, Science and Technology, Trade and Industry of South Africa (2016)

### MATCH-MAKING: THE INTEREST OF REGIONS FOR SPECIFIC TOPICS



Percentage		Pilot topic / region					
		Pilot Košice	Pilot Varaždin	Pilot Udine	Pilot Kranj	Pilot Dornbirn	
Stakeholders from particular region	Košice, SVK	Х					
	Varaždin, CRO		Х				
	Udine, ITA			Х			
	Kranj, SLO				Х		
	Dornbirn, AUT					X	

THE INTEREST OF REGIONS FOR SPECIFIC TOPIC CALCULATED AS PERCENTAGE OF INTERESTED VOTES TO ALL VOTES FROM RESPONDENTS REGION REACHING OVER 50% OF VOTES



### THE INTEREST OF REGIONS FOR SPECIFIC TOPIC



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Percentage		Pilot topic / region					
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Stakeholders from particular region	Košice, SVK	Х					
	Varaždin, CRO		Х				
	Udine, ITA			Х			
	Kranj, SLO				Х		
	Dornbirn, AUT					Х	

- Pilot Košice interest shown by Varaždin, Udine, Kranj, Dornbirn
- Pilot Varaždin interest shown by Košice, Udine, Kranj, Dornbirn
- Pilot Udine interest shown by Košice, Varaždin, Kranj, Dornbirn
- Pilot Kranj interest shown by Košice, Varaždin, Dornbirn
- Pilot Dornbirn interest shown by Varaždin



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### THANK YOU...





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