



TAKING
COOPERATION
FORWARD

 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

Industrial symbiosis and
Circular economy
solution

Circular Pilot in Kranj - Slovenia

Circular economy
within urban
regeneration &
management

Circular Pilot in Dornbirn - Austria

Circular Economy
principle in the domain
AM and intelligent
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.

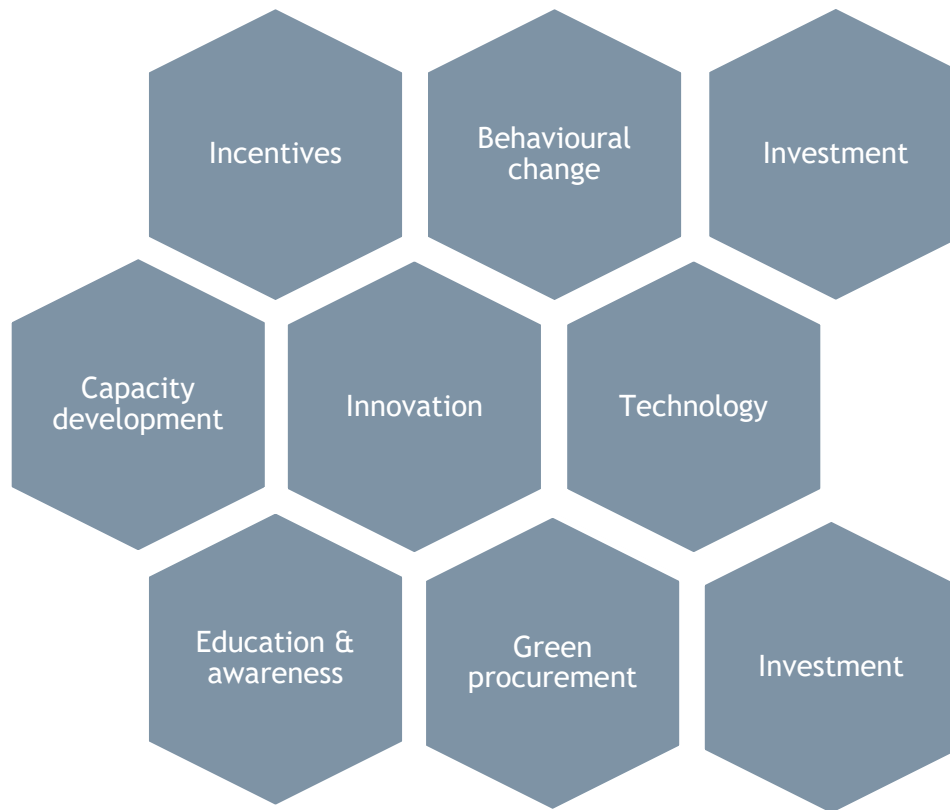
Integration between stakeholders is essential for advancing the broad circular economy

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

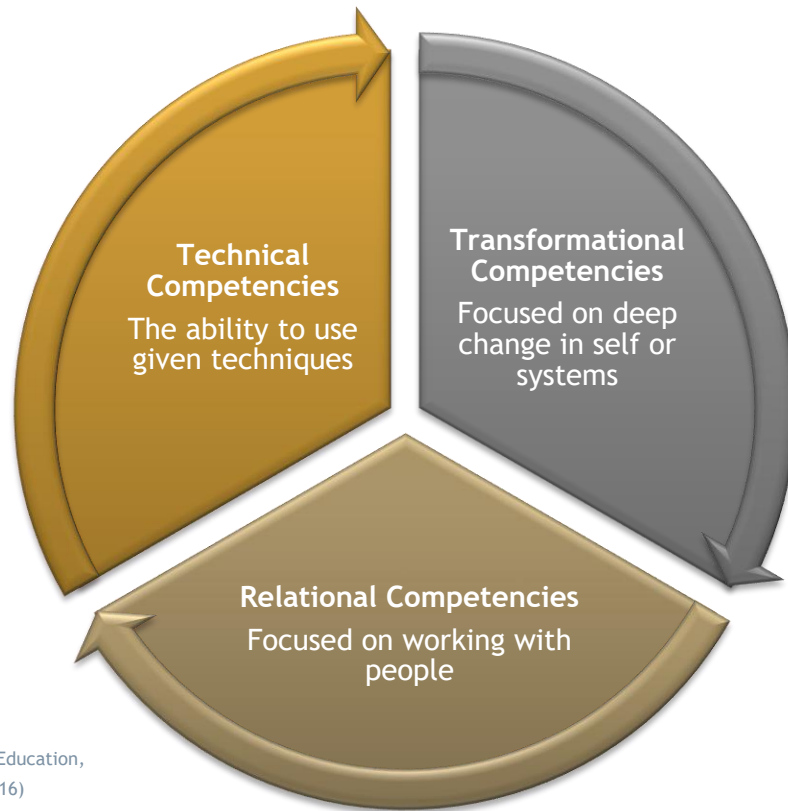
The **bottom-up approach** is in line with the circular economy



ISSUES



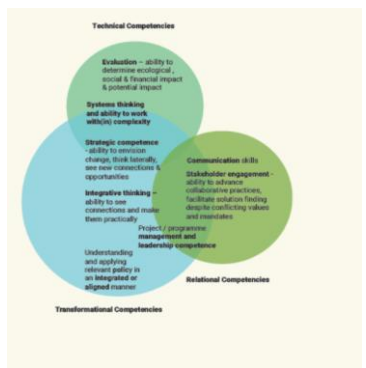
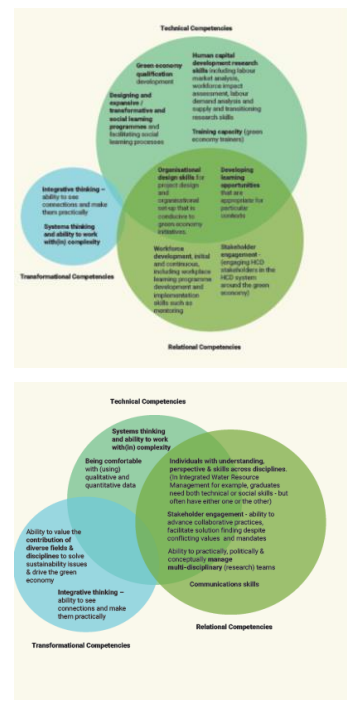
DEFINITIONS OF THE COMPETENCIES



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



COMPETENCES MIX



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	X				
	Varaždin, CRO		X			
	Udine, ITA			X		
	Kranj, SLO				X	
	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

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

- **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



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

Industrial symbiosis and
Circular economy
solution

Circular Pilot in Kranj - Slovenia

Circular economy
within urban
regeneration &
management

Circular Pilot in Dornbirn - Austria

Circular Economy
principle in the domain
AM and intelligent
production



THANK YOU...



Peter Ťapák, František Janke
Faculty of Economics, Technical University of Košice



<https://www.interreg-central.eu/CITYCIRCLE>



Peter.Tapak57@gmail.com, Frantisek.Janke@tuke.sk



+421 903 715 311

