



# CIRCIE 2019

**Challenges  
for the Islands  
in the era of  
the Circular Economy**

## ***BEYOND CIRCULAR***

*YORGOS STEPHANEDES*

*TESS, Dept. of Civil Engineering, University of Patras*

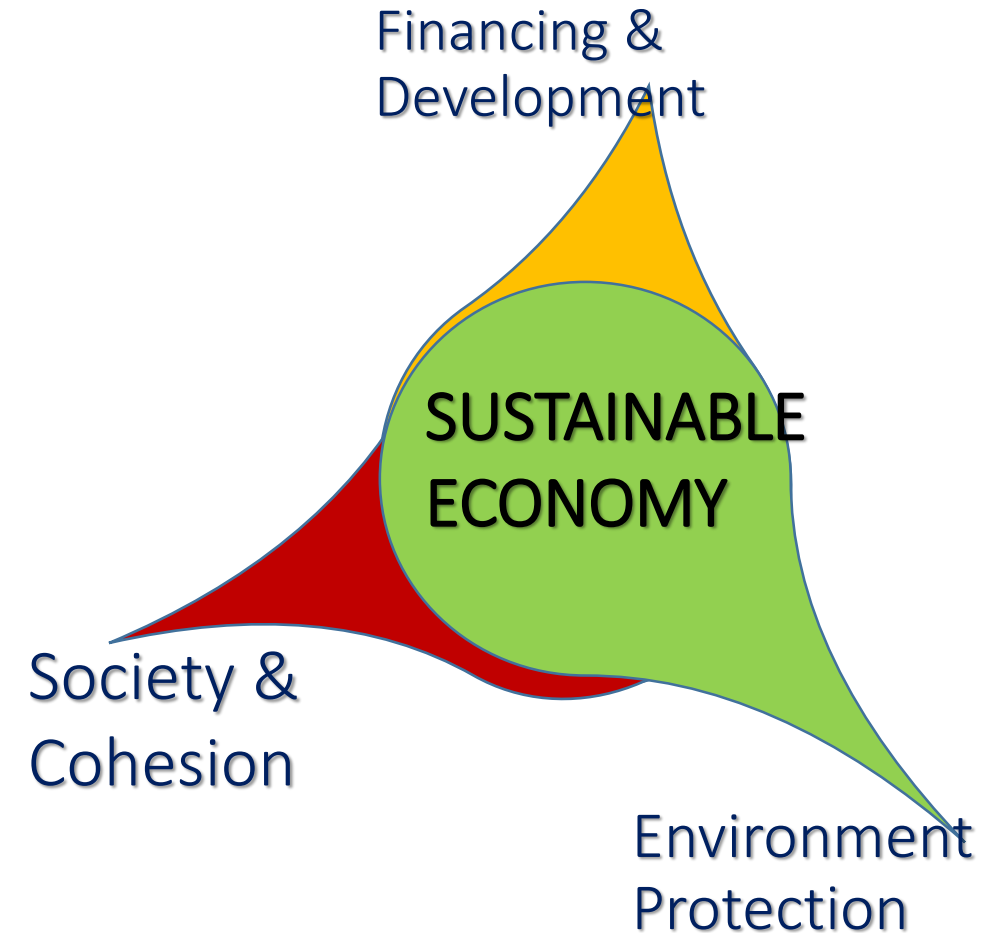
Under the auspices of



## **SMile 2019**

**6th Sustainable Mobility  
& Intelligent Transport  
conference**





- Dynamic, continuously adjusting to meet present needs,
- Not diminishing ability of future generations to meet their needs,
- Through balanced pursuit of the 3 pillars:  
Financing – Environment – Society  
(Goeteborg 2001)





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Financing &  
Development

**GRASPINNO:  
SUSTAINABLE  
& CIRCULAR  
ECONOMY**

Environment  
Protection

Society &  
Cohesion

## **GRASPINNO: INNOVATION BY GREEN PUBLIC e-PROCUREMENT FOR ENERGY REFURBISHMENT OF PUBLIC BUILDINGS**

- Platform: [www.graspinno.eu](http://www.graspinno.eu)
- MED Cooperation Network: [www.grasp-tmn.eu](http://www.grasp-tmn.eu)
- eGPP Tool
- Life Cycle Costing Assessment Tool (LCC)
- Living Labs engage user participation
- Test pilots across MED: *Cyprus, Greece, Slovenia, Bosnia, Italy, France, Spain*
- Support Public Agencies to adopt eGPP
- Strengthen SMEs to enter ➔ Circular Economy

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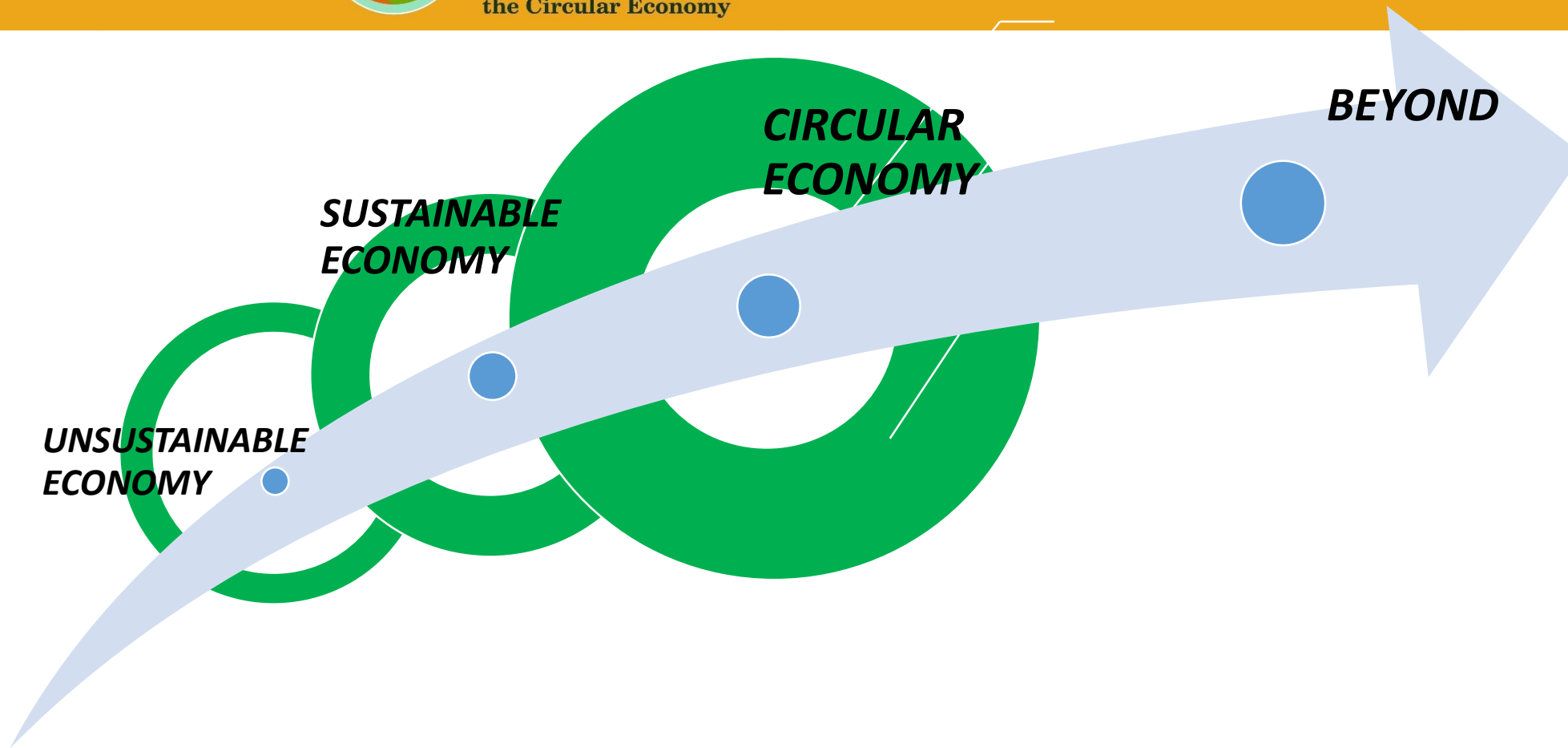




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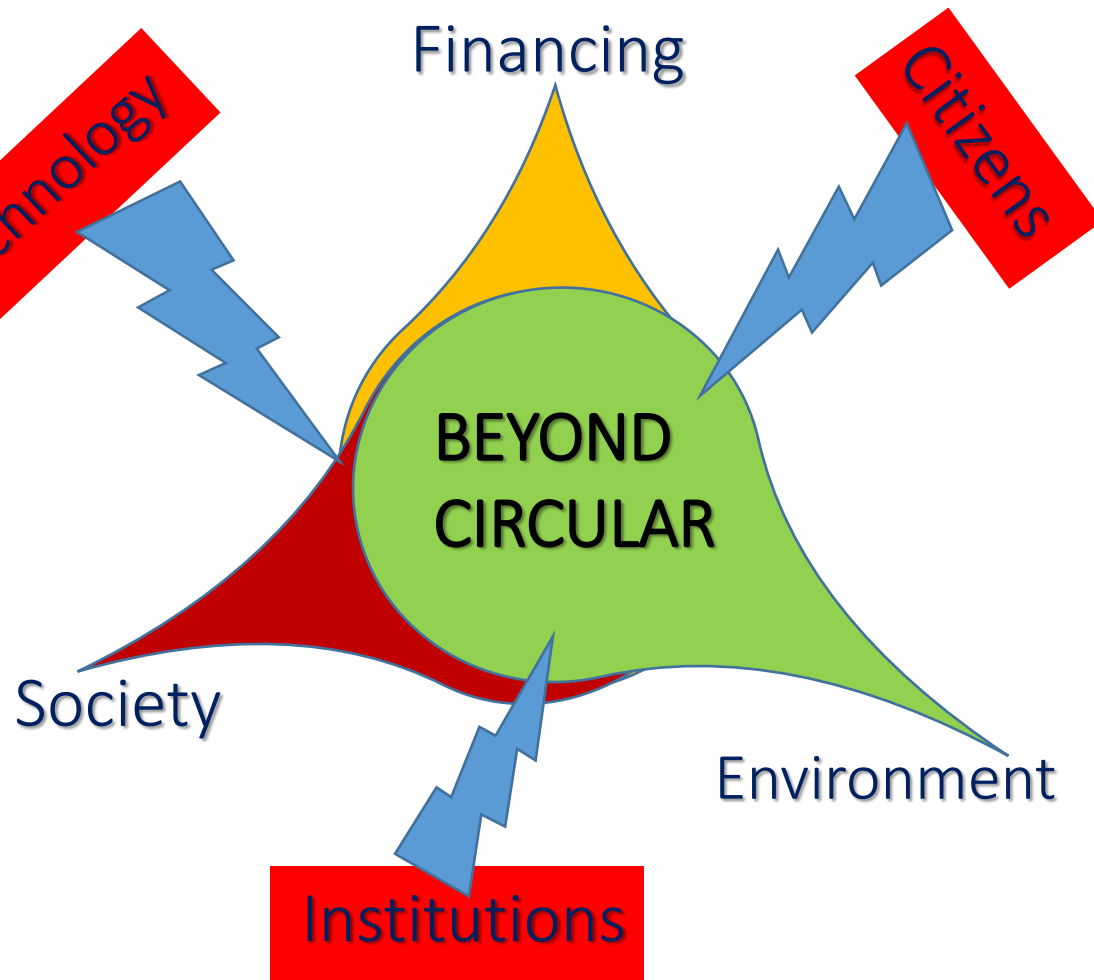




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## **BEYOND CIRCULAR**

Engage citizens

- ✓ With the support of institutions
- ✓ To control Information & Communications Technologies (ICT)
- ✓ To improve their environment & quality of life

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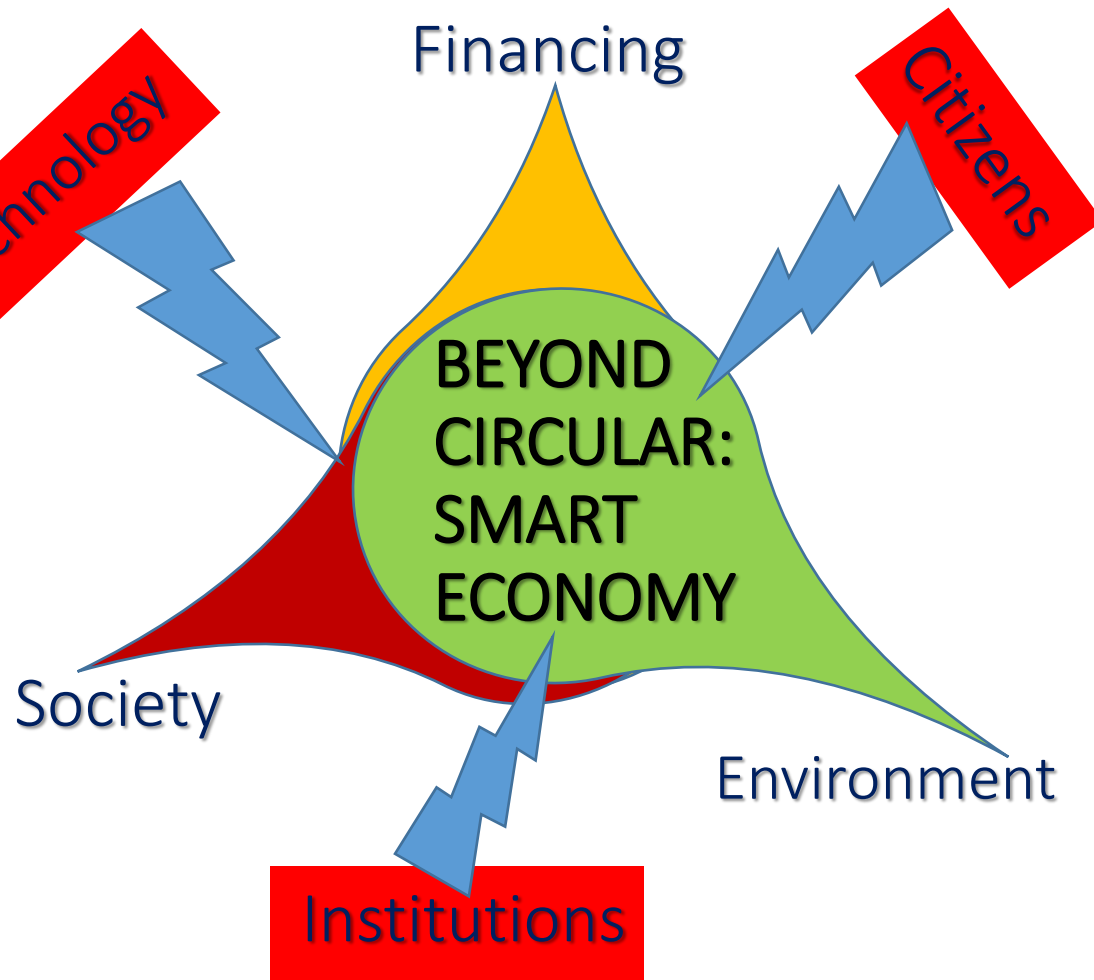




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## BEYOND CIRCULAR: SMART ECONOMY

### HORIZONTAL COMM<sub>s</sub> INCREASE VALUE

- 1) Energy Refurb + Intel Infrastructure + Intel eMobility = nZEBs + ITS = AYTONOMΩ (2EMinist & Mayors Aradippou/Chios Green Island)
- 2) Circular Economy + Entrepreneurship = Smart Financing + SMEs Innov Capacity + Invest in Coastal/Maritime Tourism + Tech Fishing/Aquaculture + Net Engagd Citizns = BLUEFASMA (MED islands – proposed)

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# Thank you for your attention



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Thursday 28 - Friday 29 March 2019, **Nicosia, Cyprus**

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