

17-21 JUNE 2019

# EU SUSTAINABLE ENERGY WEEK

SHAPING EUROPE'S ENERGY FUTURE



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# Boosting Energy Business and Innovation Research by University Hosted Facilitator Platform

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# VEBIC: Linking academia, companies, municipals and citizens in EnergyVaasa ecosystem



## • Key challenges:

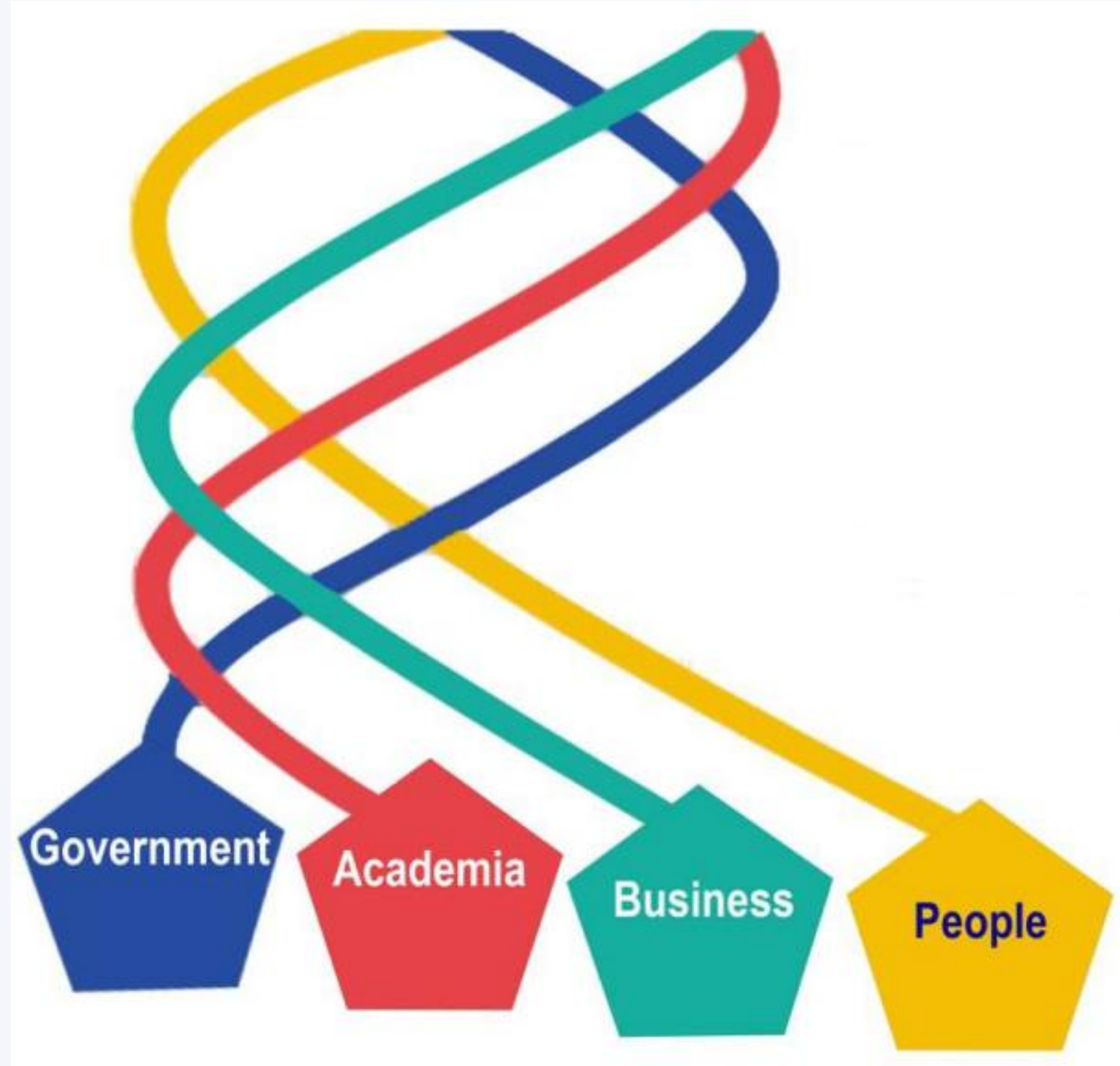
- Cluster operation and development coordination
- Different level RDI actions needed
- Strong multichannel communication and dissemination of the ecosystem's operation and also results gained

# VEBIC: Barriers are there to overcome them

- Multidisciplinary research is often applied and demand driven with more system like approach than that of disciplinary-specific research.
- With system approach, the different expectations and barrier conditions of various stakeholders must be coordinated so that the needs are met in a best possible way.
- To overcome the possible barriers VEBIC's facilitator organisation activates different level RDI-actions targeting at different levels, more scientific for larger companies and more applied for SME's.



# VEBIC: Co operation with impact



<https://1jt9ut2gb9pv1qqgmp20st9x-wpengine.netdna-ssl.com/wp-content/uploads/2018/10/Quadruple-Helix-E-Final.pdf>

**Open events**

**Capstone courses**

**Workshops**

**Multidisciplinary RDI projects**




# VEBIC: Benefits from collaboration

- Collaboration with other ecosystems helps to share the best practices gained from the operation and ecosystem development.
- Co operation also helps developing one's ecosystem to be complementing and not parallel with other ecosystems.
- By scoping the ecosystems to be complementing, stronger co operation partnerships can be formed and new co operation practices and co operation topic areas can be found more easily.



# VEBIC: Priority and mission areas & partnerships

- Priority areas of the thematic cluster on climate – energy – mobility: Are all relevant areas for VEBIC
- Mission areas and partnerships:
  - Hydrogen and sustainable energy storage technologies with lower environmental footprint and less energy-intensive production: geothermal storage research and RDI-infrastructure for supporting the research
  - Clean, connected, cooperative, autonomous and automated solutions for future mobility demands of people and goods: internal combustion engine, future fuel research and smart grid living lab research and supporting RDI infrastructures
  - Innovative and R&D intensive small and medium-sized enterprises: SME's belonging to Wärtsilä's, Danfoss' or ABB's supply chains
- "Climate neutral and smart cities":  
Zero energy housing, sustainable new building materials, low emission energy production and transportation, utilization of digitalisation for service creation, urban farming, sustainable harbours

Thank you!  
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*ERRIN network*





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