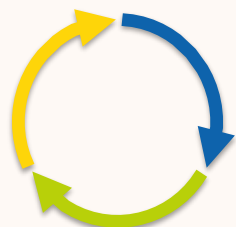


# RESYNTEX



**A New Circular Economy  
Concept**

# Project Vision



Europe must move towards circular economy to conserve its future environment & society

Innovative recycling & synthesis of expertise needed

1. Better **RE**cycling to generate new secondary raw materials
2. Through **SYN**thesis, project combines various fields
3. **TEX**tile waste – a resource for textiles & chemicals



# Key Information



€11 million research project

€166 billion sector (EU)



Uses industrial symbiosis

Models complete value chain



42 months





Manchester  
Metropolitan  
University



National Technical  
University of Athens



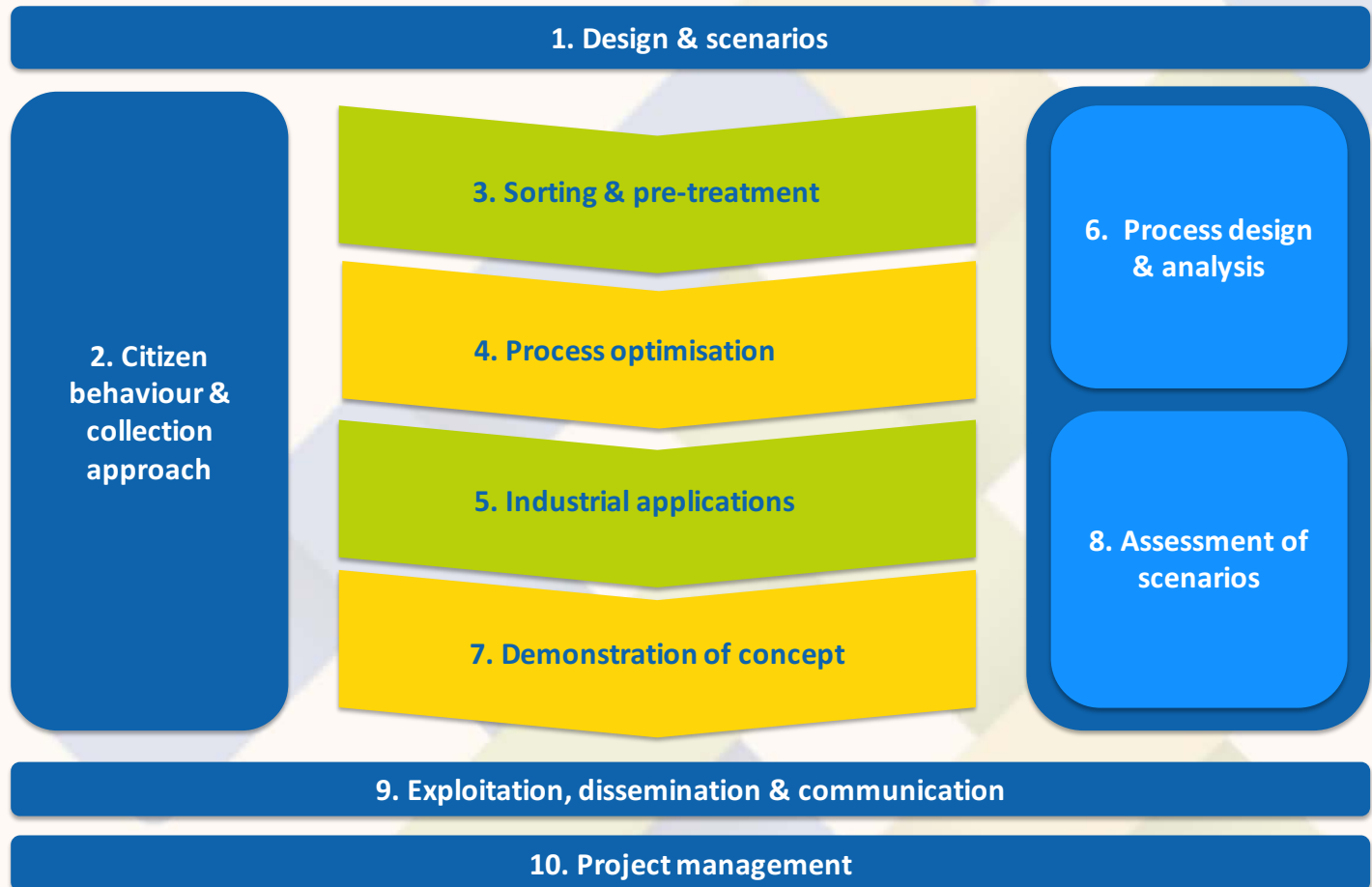
# Project Aims



1. Strategic design for value chain
2. Improve collection approaches & public awareness
3. Enable traceability & credibility of waste processing
4. Innovative business models for chemicals & textiles
5. Demonstrate a complete reprocessing line



# Work Packages





# Why?



Helps industry to reduce its environmental impact

New chemical feedstock & state-of-the-art products



Public demand

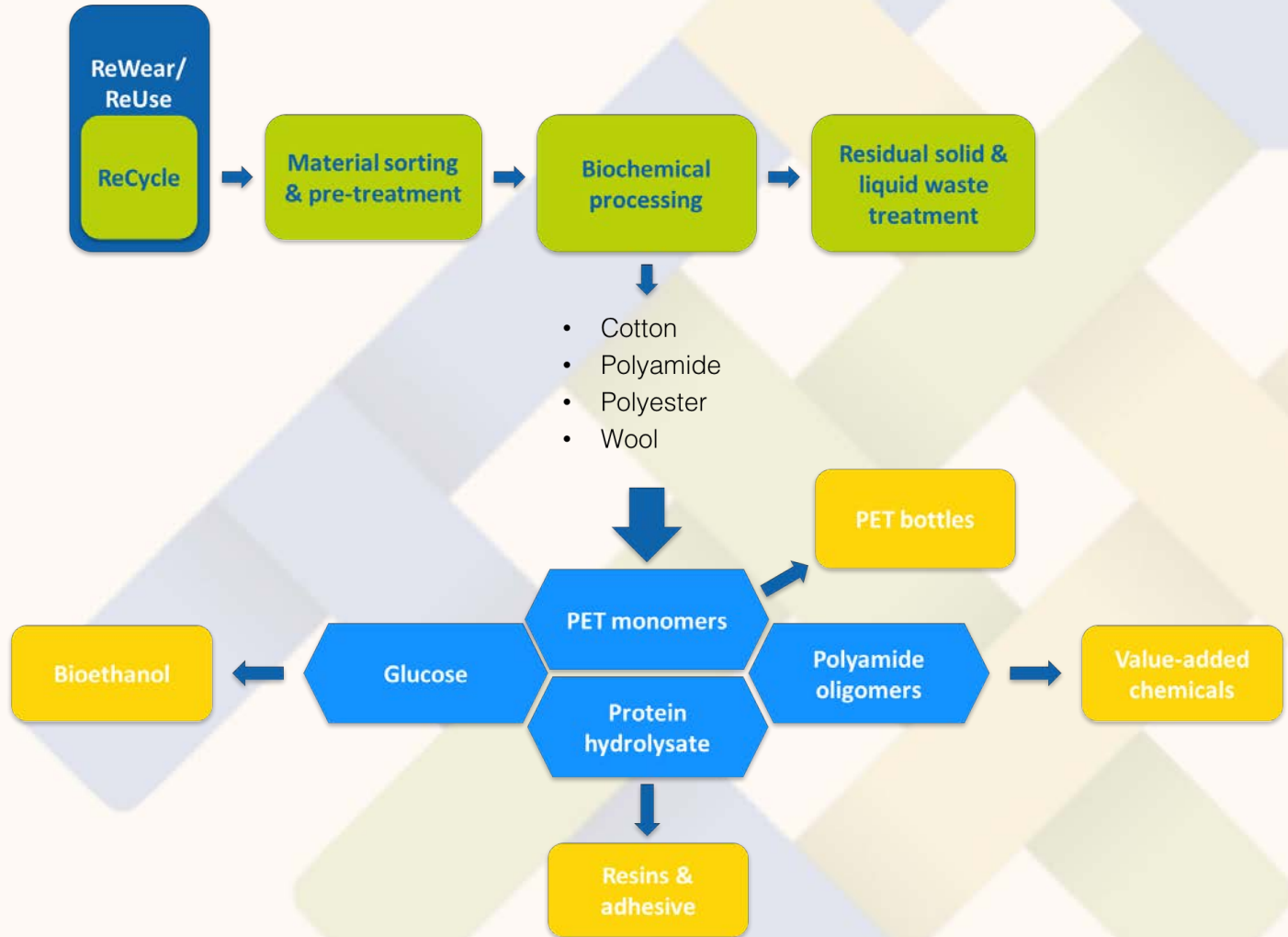
Increases public awareness & enables public to recycle



Informs governing bodies & policymakers on circular economy



# How?







- Knowledge Sharing
- Challenges
- Gaps
- Exchange



# Summary



Helps EU towards circular economy



Uses innovative recycling & industrial symbiosis



Complete value chains for textiles & chemicals



Global benefits beyond EU



# RESYNTEX

**Richard Delahay**

[info@resyntex.eu](mailto:info@resyntex.eu)

[www.resyntex.eu](http://www.resyntex.eu)

[@RESYNTEX](#)

