

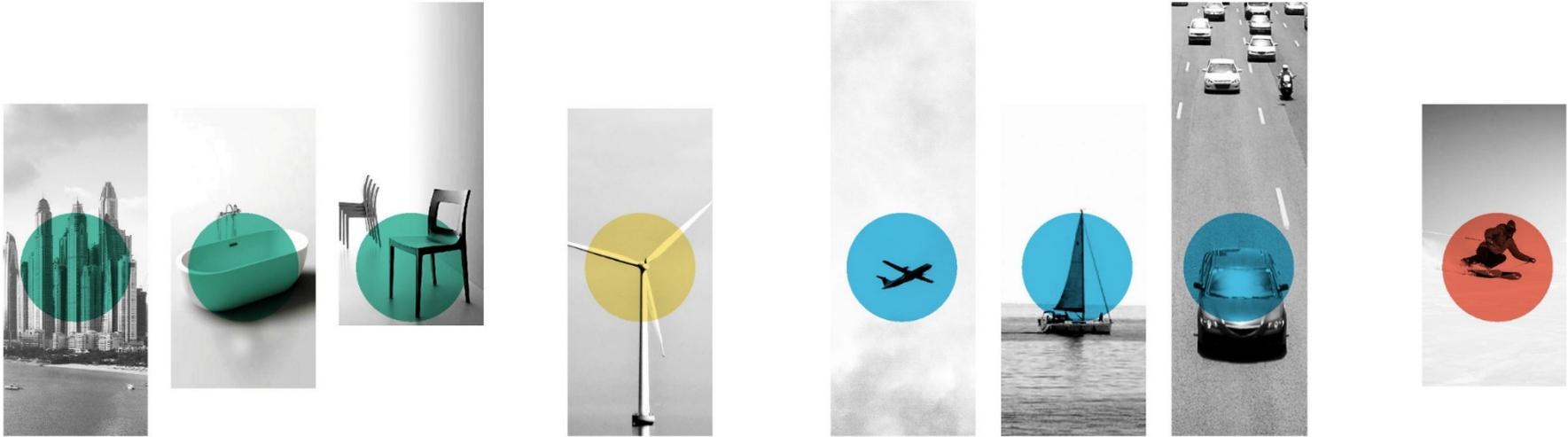
# Project Introduction: general overview and objectives of the FSTP – Open Calls

YouRban webinar  
19/01/2026

Presenter: Marco Diani  
Politecnico di Milano



**POLITECNICO**  
MILANO 1863



**HOUSING** CONSTRUCTION, FURNITURE, CREATIVE

**ENERGY**

**TRANSPORT** AEROSPACE, NAUTICAL, AUTO

**SPORTS**

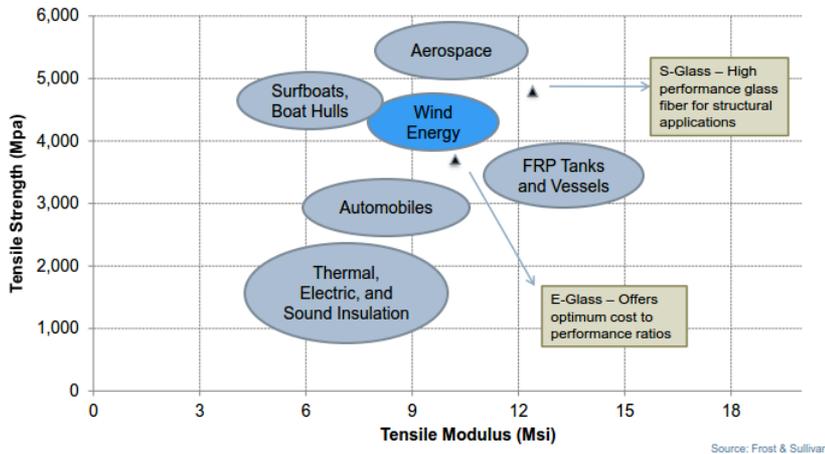
Fiber-Reinforced Plastics (FRPs) are widely adopted in several massively used products in the electronics, sport equipment, medical equipment, automotive, construction, wind energy, aeronautics and marine industries, due to their better lightweight and corrosion resistance compared to metals.

However, the recovery of plastics and fibers after the use phase of such products remains a challenge. Currently, the only solution is landfilling.



The lack of a European sustainable circular value-chain for the recovery and re-use of such plastics materials into high value-added applications would then lead to both untapped business opportunities and economic losses and to a serious environmental burden.

Wind Turbine Blade Composites Market: Glass Fiber, Properties and Applications, Global, 2014–2021

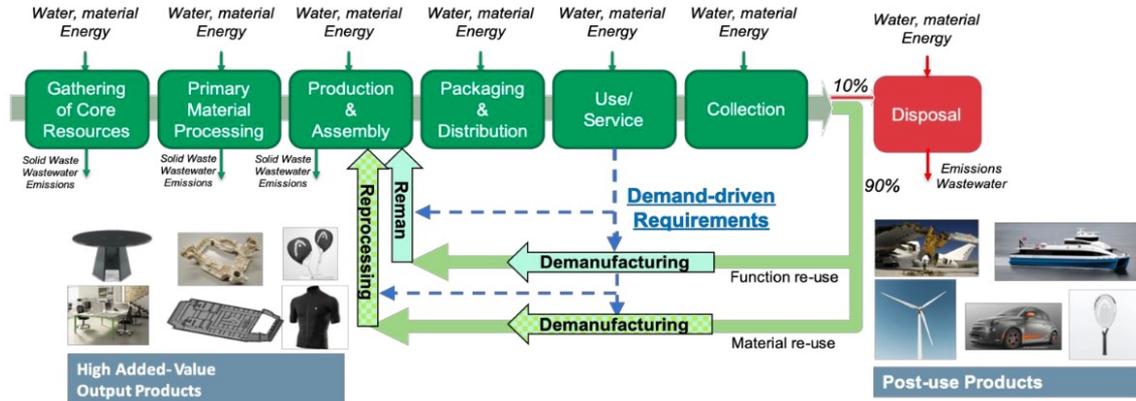


Leveraging on a cross-sectorial approach can open new potentials for composite made parts recycling, reprocessing and re-use under a systemic circular economy perspective.

1

**Demand-driven, specification-compliant Circular Economy Solution:** the circular value-chain is transformed into a “pull” system, where the requirements on the materials to be re-used are transferred directly from the demand side in terms of characteristics and functionalities.

2



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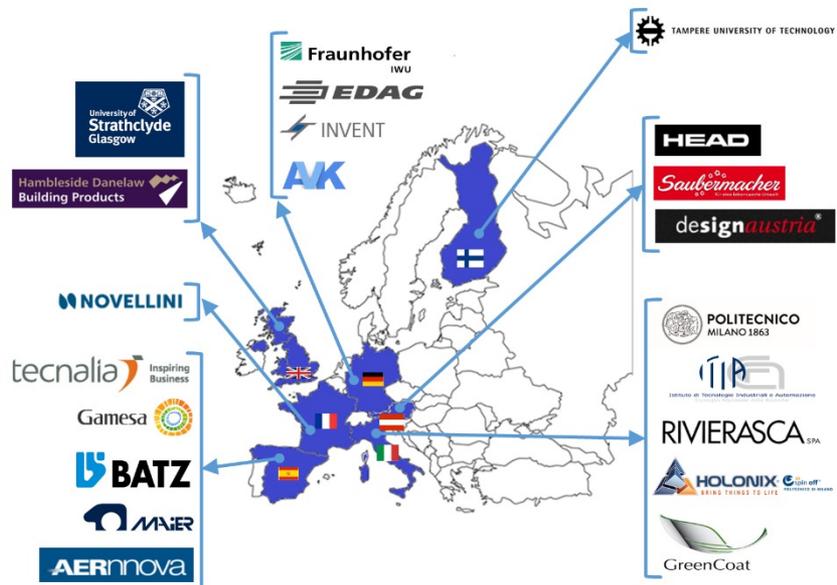
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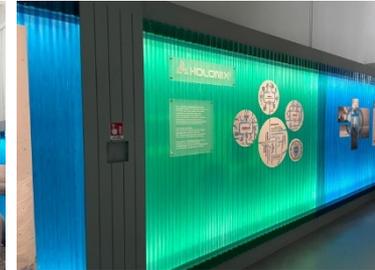


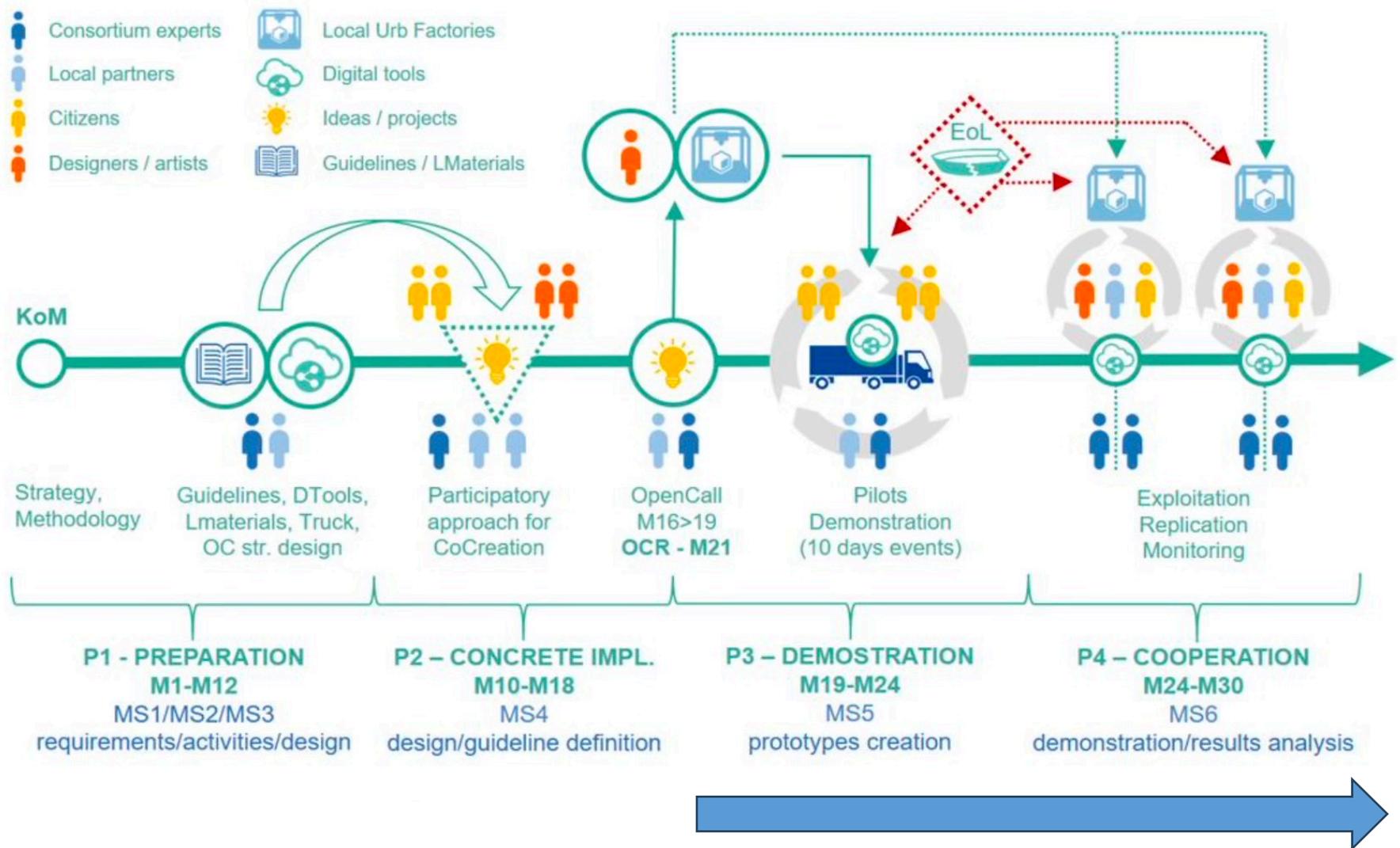
## ***Large scale demonstration of new circular economy value-chains based on the reuse of end-of-life fiber reinforced composites.***

The FiberEUUse project aims at integrating in a holistic approach different innovation actions aimed at enhancing the profitability of *composite recycling and reuse in value-added products*.

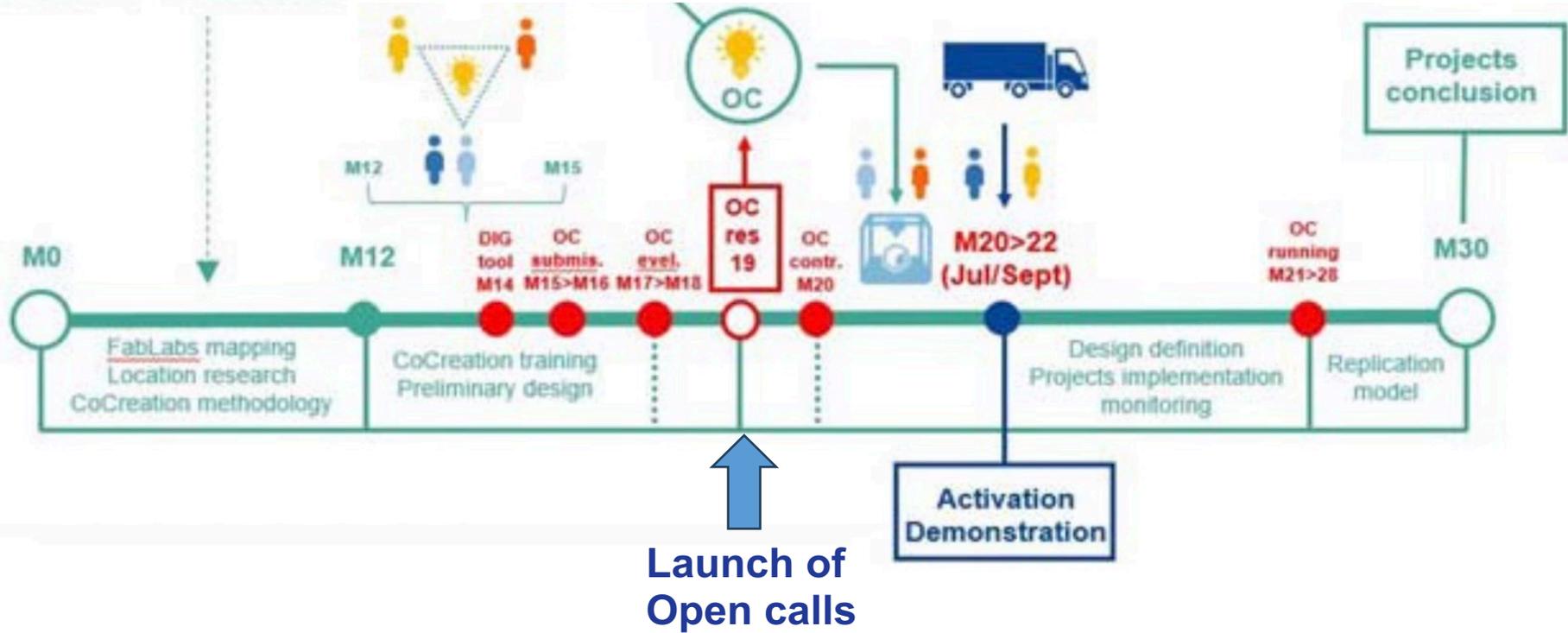
- **Duration:** 48 months, starting on June 2017.
- **Consortium:** 21 partners, from 7 EU countries.
- **Coordinating partner:** Politecnico di Milano
- **EC Funding:** ca. 10 mln €.







## Pilot 1 – Milano



Within the Milan Pilot, Open Call Designer, Artists & Citizens winners will learn and fine-tune the proposed sustainable product ideas, responding to specific local challenges with the technology “On-The-Truck”, advancing in the design/experimentation/production of their product in collaboration with local Urban Factories after the Pilot.





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Presenter: Marcello Colledani  
Politecnico di Milano



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- **Goal:** Organize and valorize a **10-day event** in Barcelona.
- **Dates:** 23 April 2026 – 3 May 2026.
- **Focus Areas:**
  - Artistic performances to engage the audience.
  - Showcasing YouRban technologies and recycled materials.
  - Improving project outreach and visibility

- Applicants must propose solutions for **two options** in Barcelona:
  - **Option 1:** A public open space (e.g., a square).
  - **Option 2:** A public enclosed space (securely closed at night).
- **Note:** The final choice of location will be made by the YouRban consortium

- **Total Budget: €100,000** for one selected project.
- **Duration:** Maximum of **2 months** for organization and implementation.
- **Eligibility:** Companies, associations, or organizations from any **EU country**.



