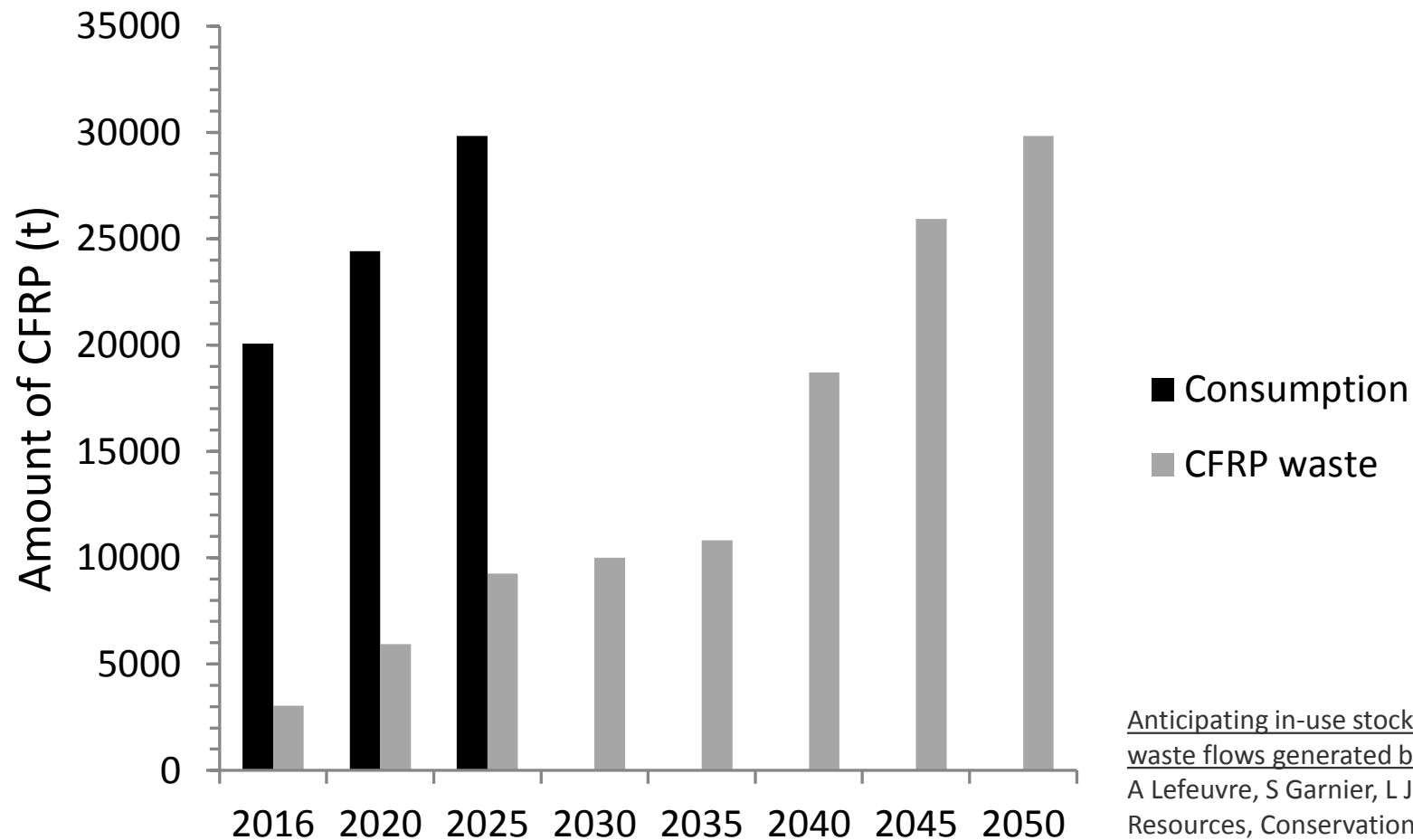


In-use stocks data platform for raw materials

- Circular Economy/In-use stocks /data platform:
 - Setting-up a in-use stocks data platform for multiple raw materials to anticipate future waste flows to recycle by building infrastructure, using existing studies, generating new data and creating collaborations
- Expected synergies and complementarities:
Synergies with ongoing Master and PhD programmes AMIR and IDS-FunMat-INNO where students can develop data that could be shared through the platform; support for estimating the feasibility of recycling technology projects such as OpTaRec on the Tantalum Recycling Process
- Outcomes:
Operational platform of in-use stocks data for raw materials
- Market & Business opportunities:
Potential clients are waste management and recycling companies, public administrations and researchers interested in easily accessible in-use stocks data. This emerging market covers data on all raw materials and product groups at global, European, national and regional level ? The business model is to provide initial data for free and then to make money by selling more extensive in-use stocks data and consultancy services.
- Partners already identified:
ESM, BRGM,
- Wanted additional partners :
Additional data provider, material flow experts, informatics expertise

Evolution of the global consumption of carbon fibres by the commercial aeronautical sector compared to the amount of Carbon Fibre Reinforced Polymer (CFRP) waste generated every five years from 2016 to 2050



Anticipating in-use stocks of carbon fiber reinforced polymers and related waste flows generated by the commercial aeronautical sector until 2050
A Lefevre, S Garnier, L Jacquemin, B Pillain, G Sonnemann
Resources, Conservation and Recycling 125, 264-272