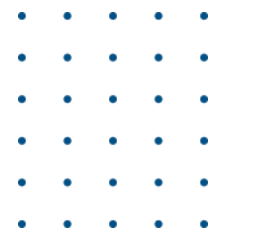




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<https://www.oceanwise-project.eu/>

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OCEANWISE workshop

Current situation of biodegradable and compostable plastics

Fields of application and features of the management and valorization



30 de junio 2021





Presentation. Approach of the Workshop's topic

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APPROACH

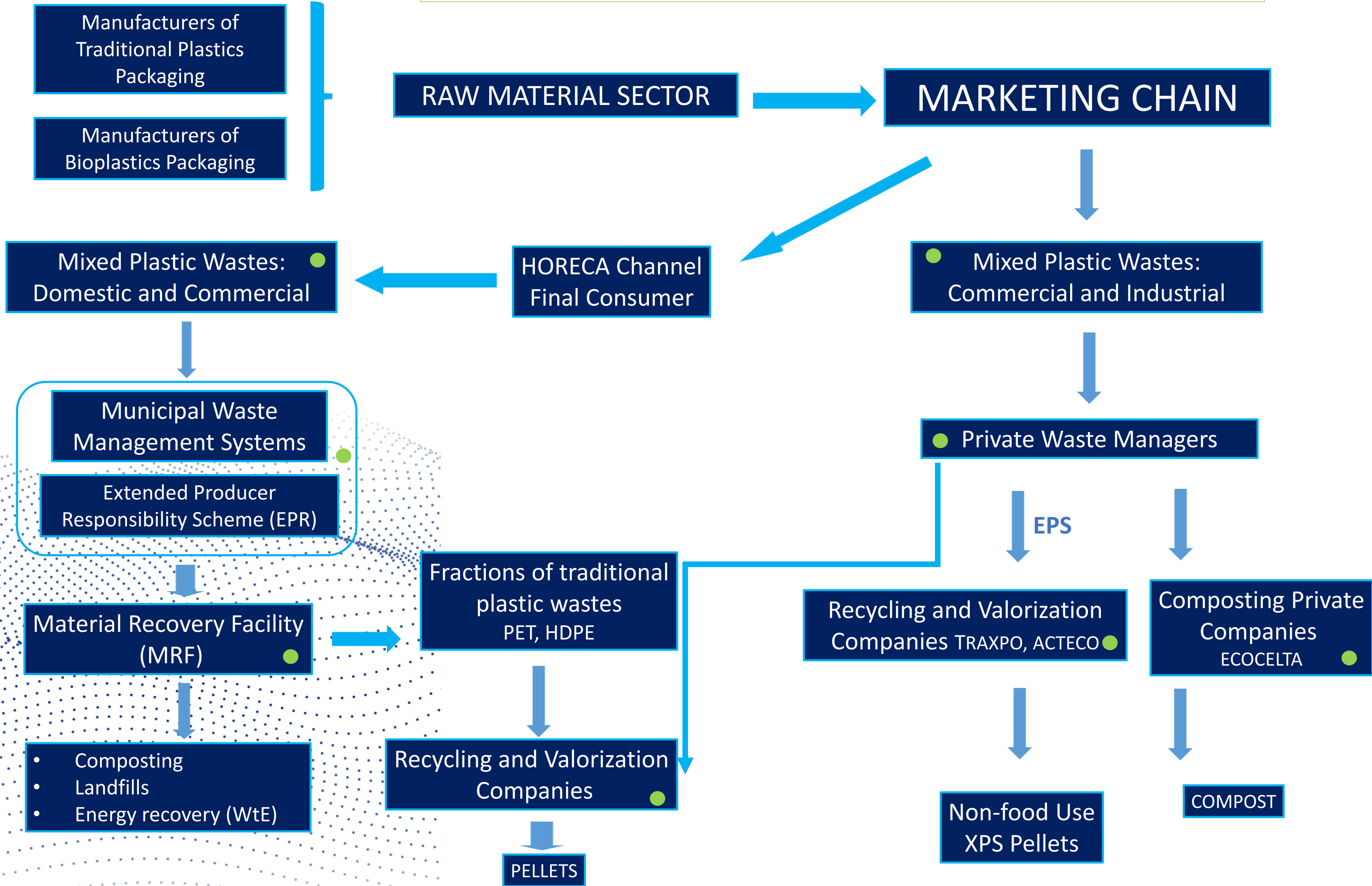
- **Bioplastics fulfil a social function.**
- **Coexistence in the market of traditional plastics and the new range of bioplastics.**
- **Incompatibilities between both plastic wastes in the recycling stage (valorisation).
Need of separation.**
- **The current design of collection, separation and valorisation (recycling) system is made to measure according to traditional plastic wastes.**
- **Likely integration of bioplastics in different industrial sectors in the short term.**
- **Need of an alternative channel to collect and manage wastes generated from bioplastics.**
- **There are alternatives in bioplastics not only to manufacture materials similar to EPS/XPS.**



QUESTIONS

- Is there an offer of biodegradable plastics other than agricultural applications? Are these plastics applicable to other uses such as agri-food?
- Should wastes from both types of plastics be separated originally?
- Is the current management and separation system for plastics wastes ready to achieve this distinction?
- What measures should be adopted if necessary?
- Are citizens aware to distinguish the different types of plastics and make a correct use of the disposal containers?
- Is there an equipment to separate automatically the different plastic fractions in the separate collection companies?
- Are all the biocompostable plastics the same? Is their composting time similar or variable?
- At an industrial level, are there good composting results?
- Is there a demand of compost from (partly) bioplastics?

GENERAL FLOWCHART OF PLASTIC WASTES





Thanks for your atención!!



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