



SustainComp – A word from the Coordinator

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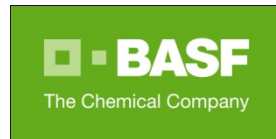
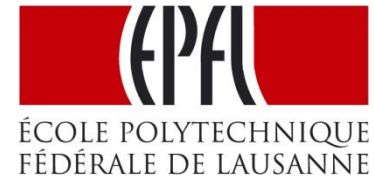


SustainComp – Short facts

- Project title: Development of Sustainable Composite Materials
- Large scale, collaborative project with in EU's 7th framework programme
- Coordinator: Innventia
- 17 partners in 8 countries
- Total budget: 9.4 Million Euro
 - EU-funding: 6.5 Million Euro
- Starting date: September 1, 2008
- Duration: 4 years
- Website: www.sustaincomp.eu



SustainComp consortium



SustainComp vision

A successful project will introduce:

- New advanced wood-based bio-(nano)composites to the market
- Totally new types of nanostructured materials and processes

These new materials will

- Generate opportunities for the forest based industry to conquer new markets as well as enabling openings for new companies, business models and areas.
- Generate a growth potential for small and medium enterprises (SMEs) in the composite forming sector (e.g. compounders and matrix suppliers)



Targeted products in SustainComp

Nanoreinforced foams

- Cushioning in packaging
- Display panels

Nanostructured composites

- Extruder based techniques
- Compression moulding materials – Bus seat demonstrator
- Injection moulding materials

Aerogels and membranes

- Stimuli-responsive magnetic/electric aerogels (e.g. noise/vibration dampening).
- High-flux selective membranes with designed selectivity for small scale liquid applications in the medical field to large scale municipal applications.



Our idea



Bioplastics



MFC



Wood-based fibres

Forming techniques for bio-(nano)composites

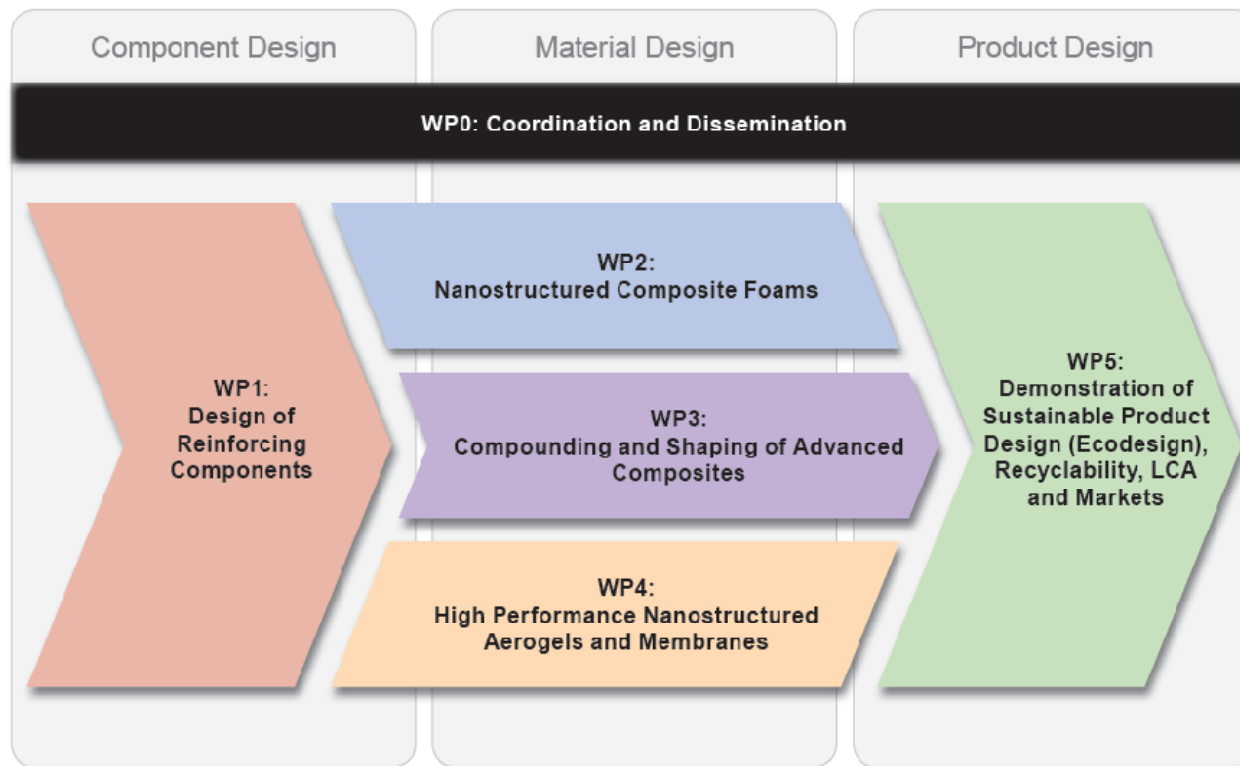
- Nano-structured composite foams
- Extruder based compounding
- Compression moulding
- Injection moulding
- Aerogels & membranes

Demonstration

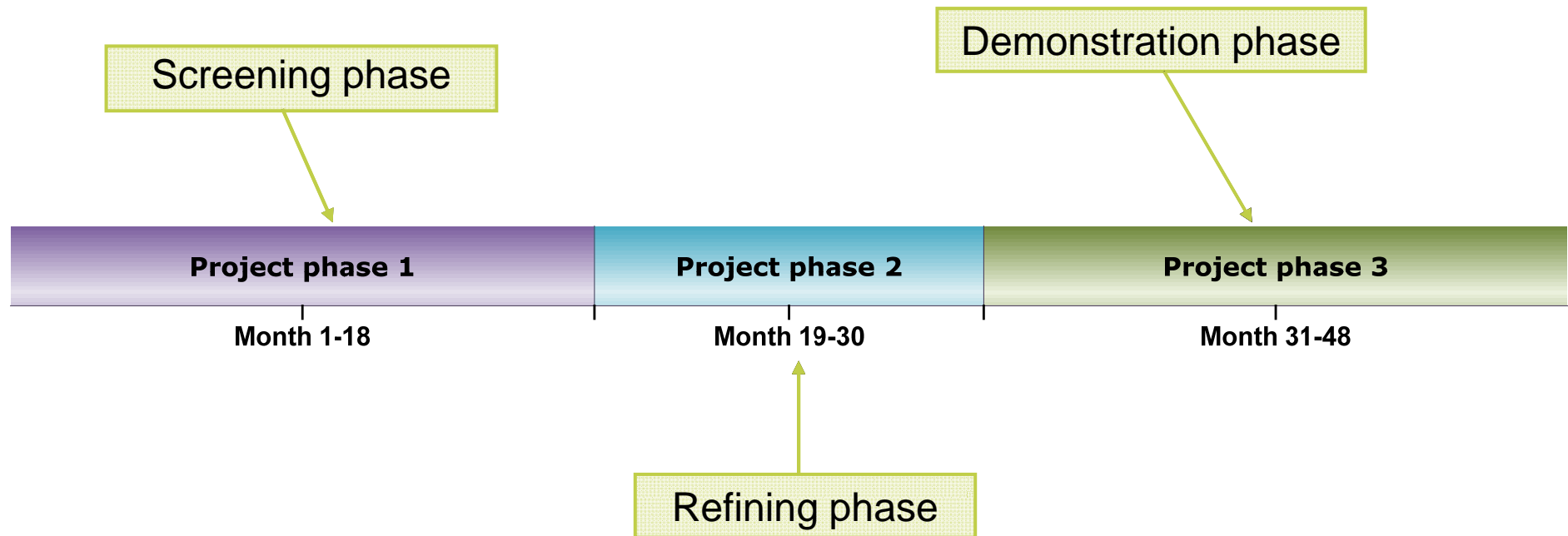


SustainComp structure

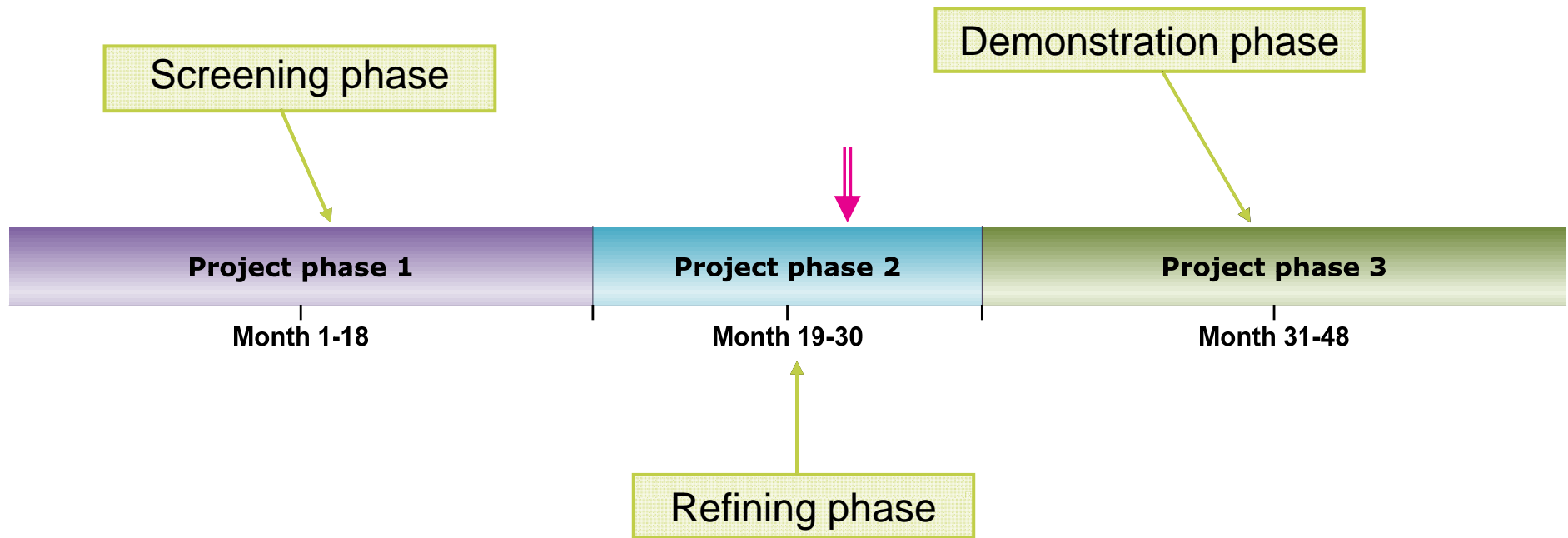
- The SustainComp project is structured in five tightly connected technical work packages covering the different parts of the Project and one coordinating work package.



Project phases



Project phases





...follow the progress on
www.sustaincomp.eu

Contact information

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