

# WACLAV

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(Waste Aerospace Carbon fibres in Light weight land Vehicles )

PPP: FoF      Topic FoF 12-2015

Title- *Industrial Technologies for the advanced joining and assembly processes of multi-materials*

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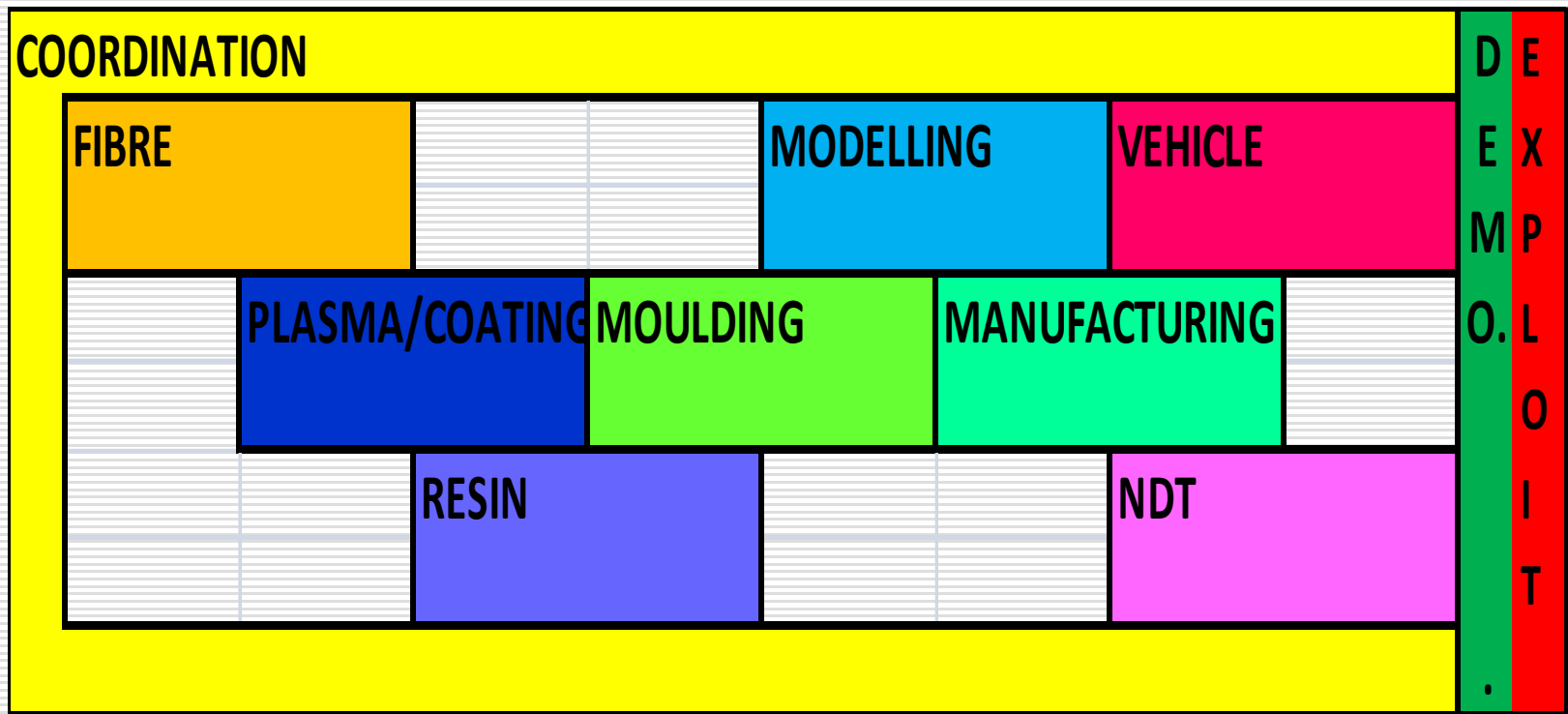
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- Objectives:
  - to take carbon fibre waste, from aerospace production, and by tailoring its surface properties, facilitate its use in composites mouldings used in land vehicle manufacture.
- Expected outcome:
  - to reducing the weight and fuel consumption of these land vehicles, as required in pending EU regulations, through recovering this valuable energy intense material

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•Structure of Project



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#### •Known Partners

S.No	Partner Name	Type	Country	Role in the project
1	UCD >SEG	ACA	Ir	Coordinator & Surface Engineering
2	Axis Composites	SEM	UK	Fibre Matrix Producer
3	Chomarat	COM	Fr	Glass Fibre Fleece Producer
4	Henkel	COM	De	Supplier of binder technologies
5	Scot Bader	COM	UK	Supplier of binder technologies

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#### •Required Partners

S.No	Partner Profile	Type	Country	Role in the project
1	Carbon Fibre Recycler	ACA	Ir	Supply C.F. Technology
2	Surface Engineering	SEM	UK	Fibre Matrix Producer
3	NDT	ACA/RI	UK/De	Product Evaluation
4	Modelling Consultancy	ACA	Ir/Fr/Sp	Mould Evaluation
5	Processor/Moulder	COM/SME	Fr/De/UK	Manufacture Demo
6	Automotive Manufacturer	COM	De/Fr/It	Demo Road Trials