



InteSusAL

Integrated Sustainable Algae

Andrew Kenny

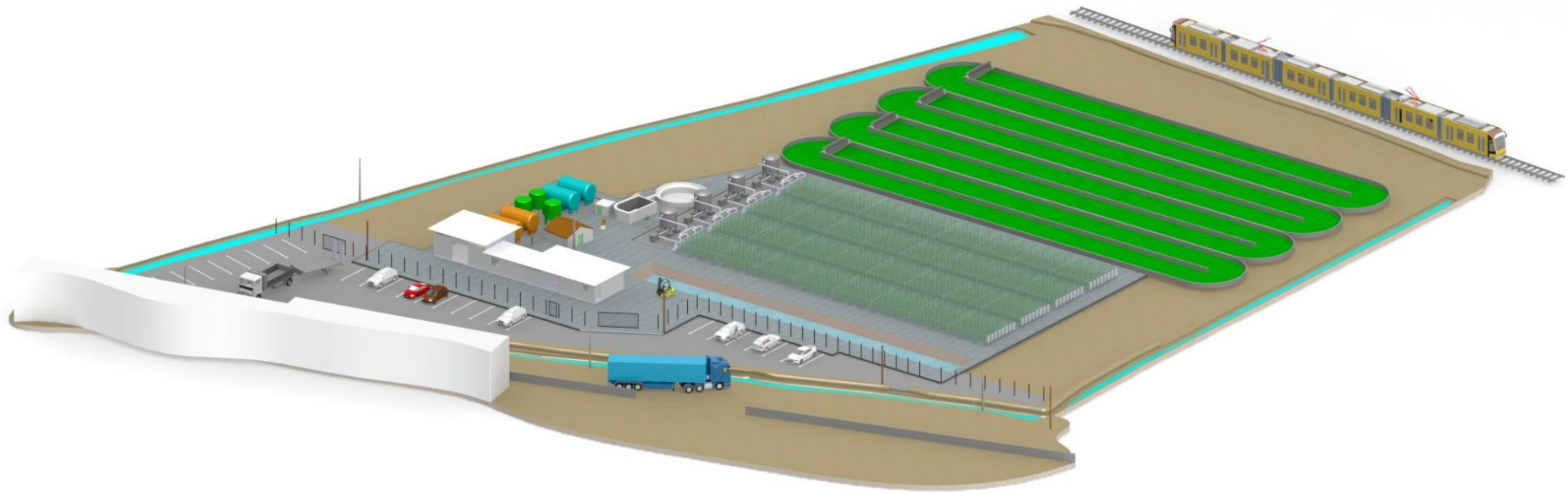
Project Co-ordinator

Technical Project Lead

Centre for Process Innovation



Demonstration of Integrated and Sustainable Microalgae Cultivation with Bio-diesel Validation.

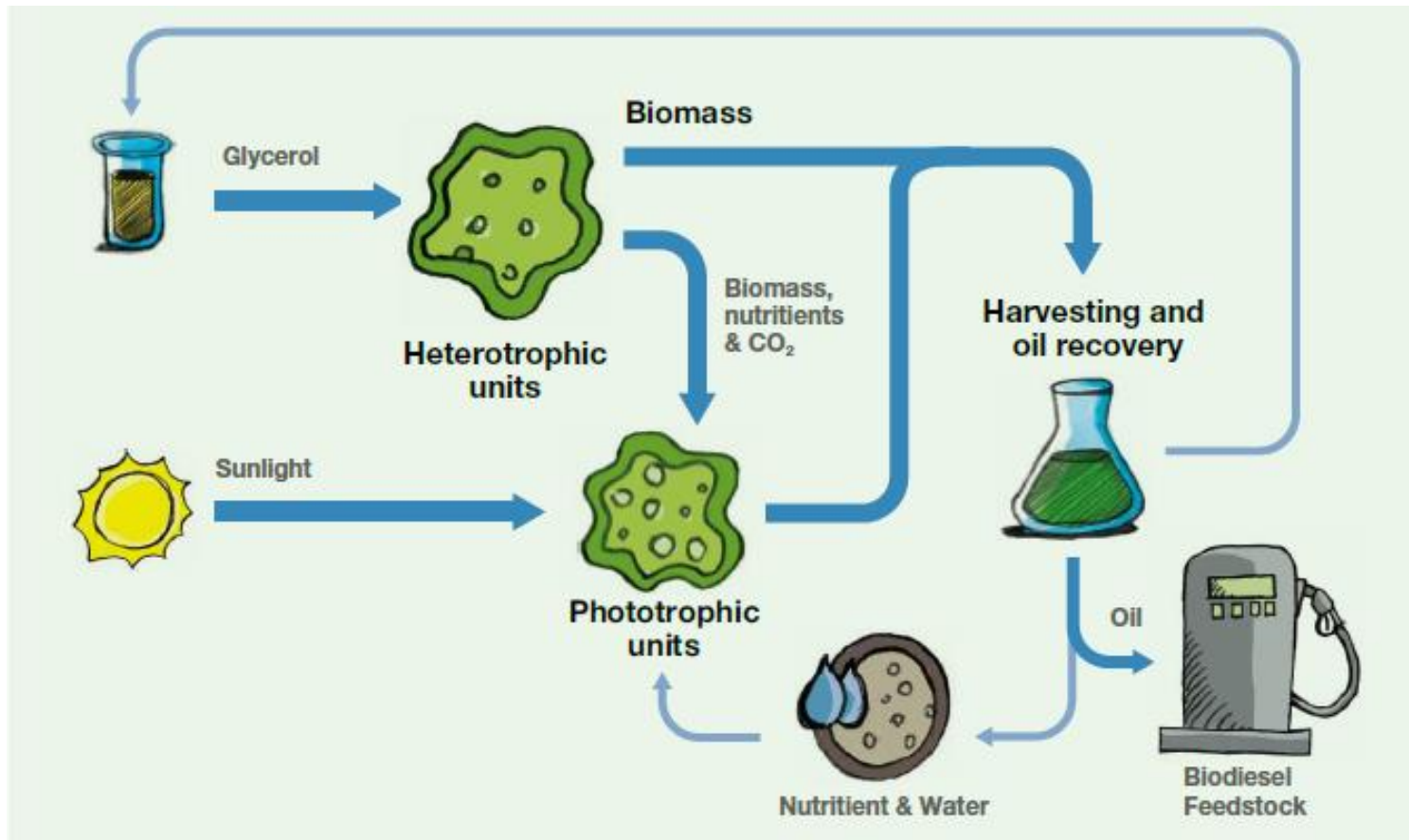


This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under grant agreement No 268164

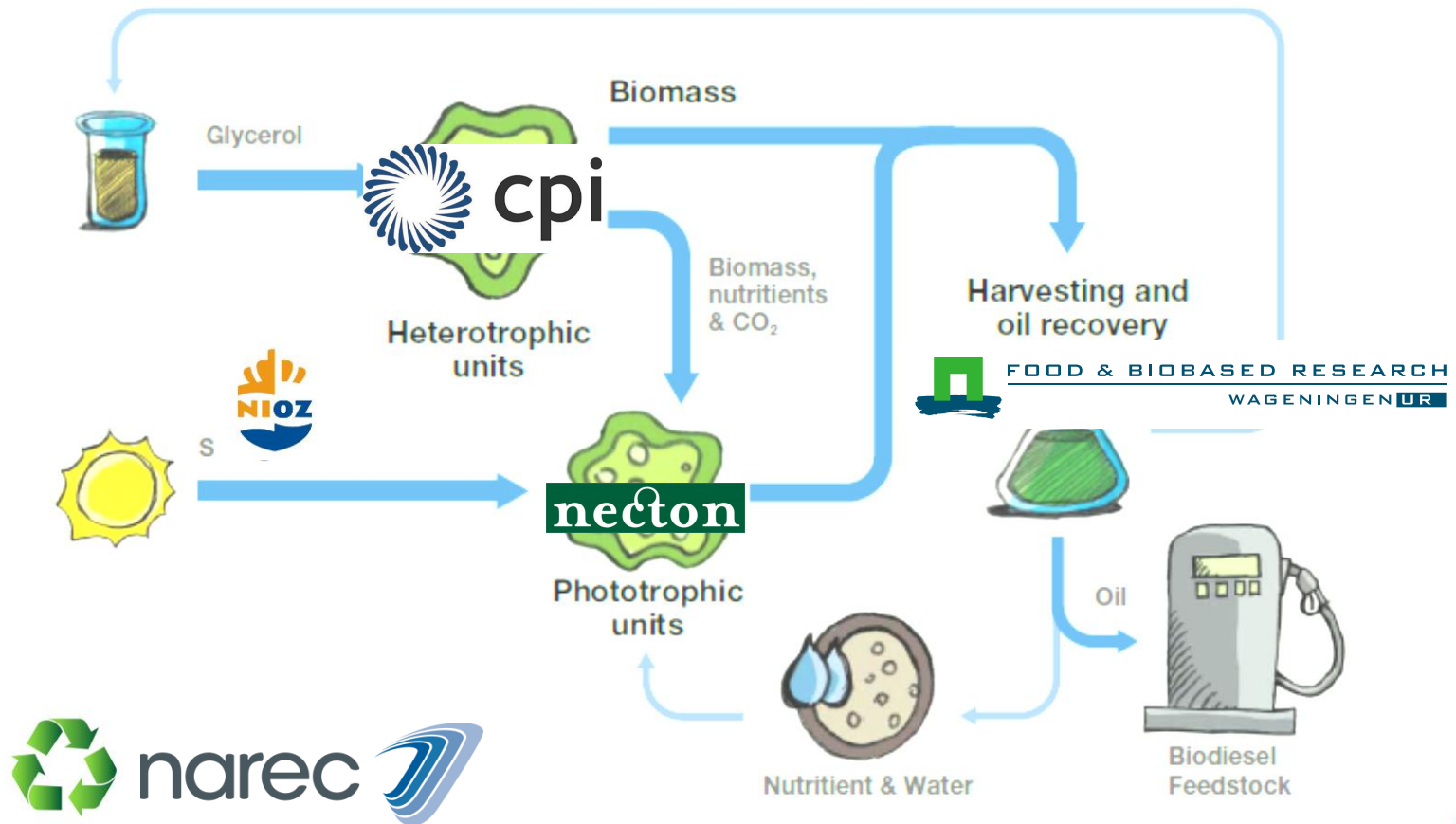
The Concept

- Demonstration project to integrate heterotrophic and phototrophic production technologies.
- Targeting to produce 90 - 120 dry tonnes / hectare / year
- Bio-diesel glycerol used as carbon source to heterotrophic unit.
- Biomass validation for conversion to bio-diesel.
- Sustainability, economic and environmental of demonstration unit via life cycle analysis.

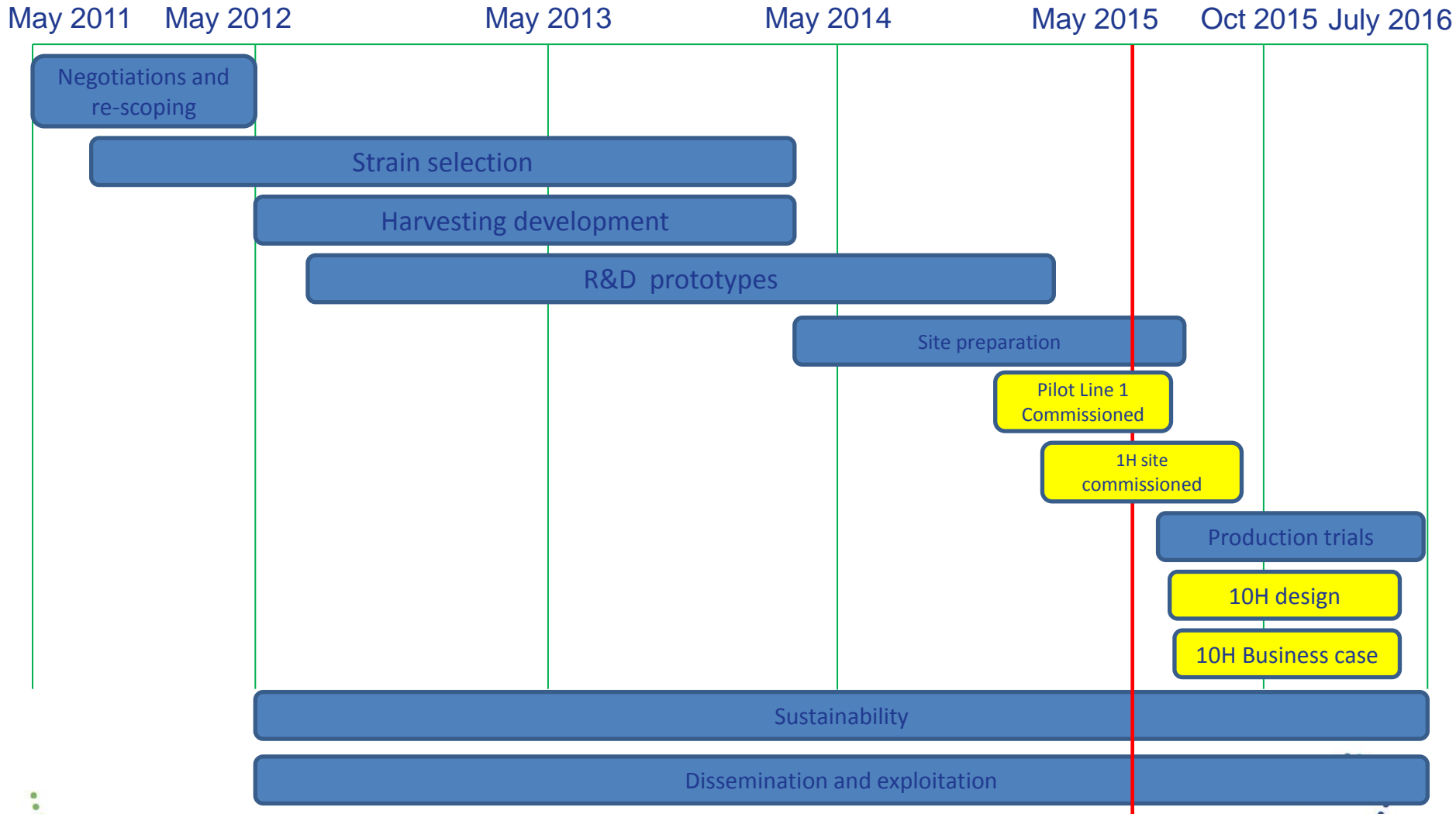
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Project Timelines



Project Scope

- Project is made up of 8 work packages
 - Identified with 8 key milestones
 - 25 tasks to be completed during life of the project
 - 5 reporting periods to the EC



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