

6-8th April, Olhão, Portugal

EUROPEAN
ROADMAP for an
ALGAE-BASED industry



To replace all transport fuels in Europe*

- 400 million m³ lipids needed
- 9.25 million ha surface area
- Equivalent to surface area of Portugal
- 400 million tons of proteins produced
- 40 times the amount of soy protein imported in Europe

*Wijffels & Barbosa (2010) An outlook on microalgal biofuels. *Science*. 379: 796-799.





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GOALS

- Give a state of the art of algae production in Europe
- Identify and discuss common challenges and report the highlights from the different projects
- Develop a white paper on industrial algae production, with research priorities for the Algae research in Europe



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Organising Committee

- Victoria del Pino (InteSUsAI and local organisation)
- Andrew Kenny (InteSusAI)
- Hans Reith (MIRACLES)
- Dorinde Kleinegris (FUEL4ME)
- Lolke Sijtsma (SPLASH)
- Vinicius Valente (InteSusAI)
- Kyriakos Maniatis (European Commission)
- Vitor Verdelho Coordinator (BIOFAT & EABA)
- Frank Rogalla (All-gas)
- Marina van der Vegte (Conference Manager)
- René Wijffels (Chair)
- Maria Barbosa (Chair)



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Scientific Board

- **Olaf Kruse**
Metabolism and strain development
- **Olivier Lepine**
Biorefinery
- **Gabriel Acien Fernandez**
Residual streams
- **Liliana Rodolfi and Carlos Unamunzaga,**
Cultivation Systems and Scale-up
- **Mario Tredici and Tom Bradley**
LCA and Techno-Economic Analysis