

AlgaePARC and models for large scale microalgae production

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 For quality of life

Algae = potential fuels, food, feed

mechanical, heat energy
 water
 N
 P
 CO₂
 others

fuels
 food
 feed

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Need: large scale production

Currently ? Desired

Pilot scale to understand!

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AlgaePARC: knowledge, technology and produce strategies

- Outdoor conditions
 - Light
 - Temperature
- Compare various reactor designs
 - In parallel
 - Using one algae species

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Movie AlgaePARC

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Models: predict for other locations, designs, dimensions

Results AlgaePARC

- 1 algae species
- Netherlands
- Constrained operating conditions

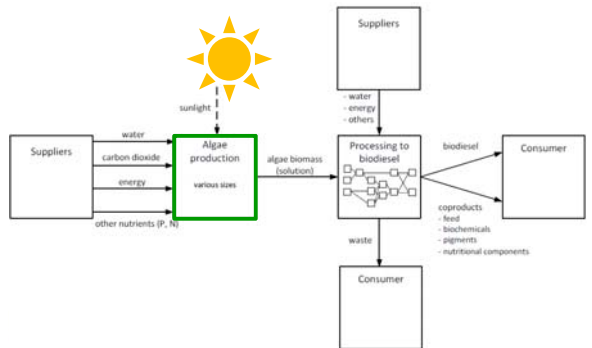
MODELS

MODELS

standard

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Location planning



AlgaePARC and models from Wageningen University:

Versatile combination of experiments and models!

