

1. Total Synergy



European Research Council
Synergy Grant 2012 Call

2. OILECO



NATT, National Association for the Transfer of Technologies

NATT

Growth through synergies...

Total Synergy

**Synergetic Production Complexes for
Sustainable Rural Development**

NATT
Growth through synergies...

Synergies...

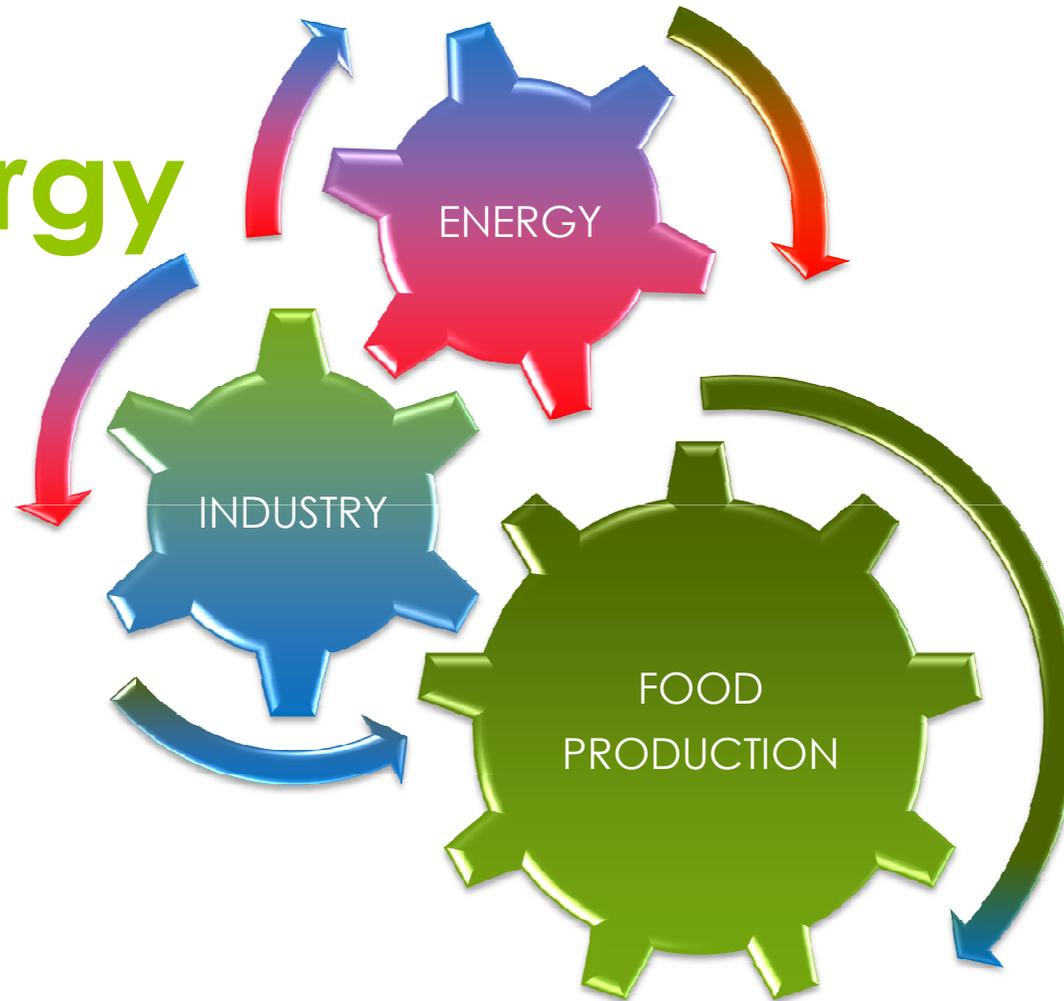


Synergy...

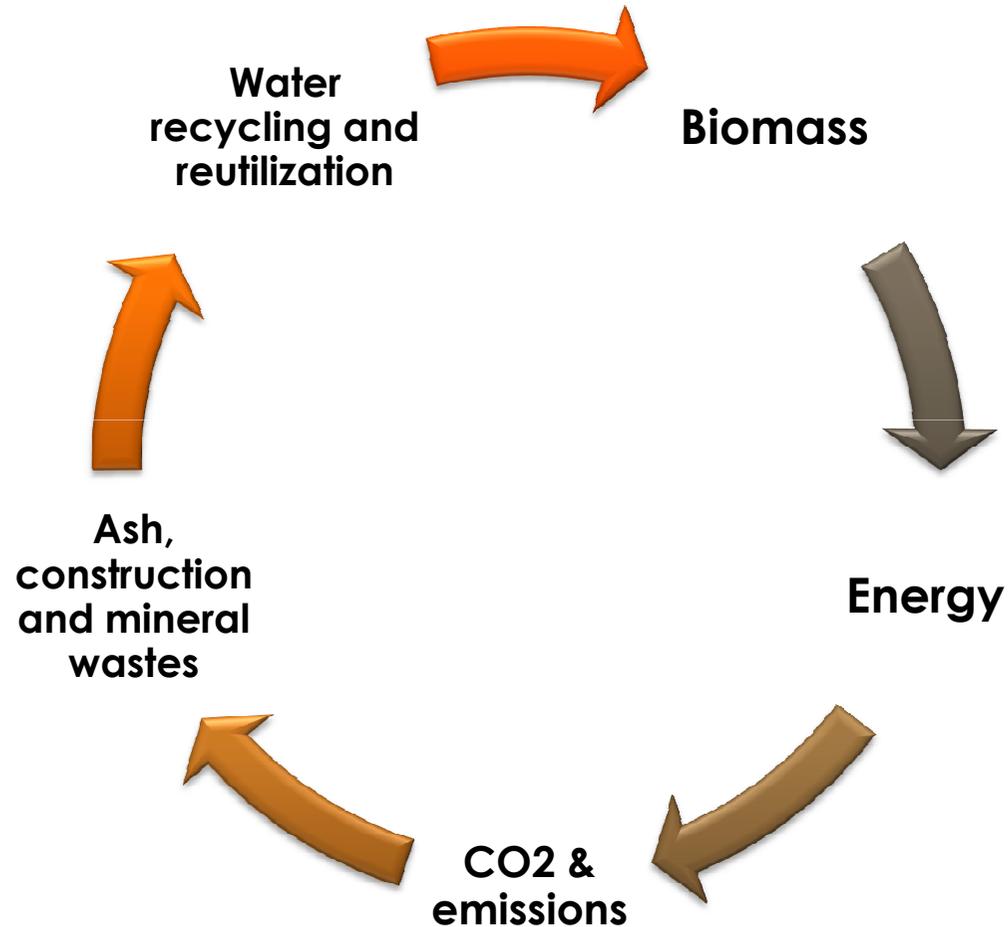
$$1 + 1 + 1 + 1 = \cancel{4} 6$$

Synergy is the ability of a group to outperform even its best individual member...

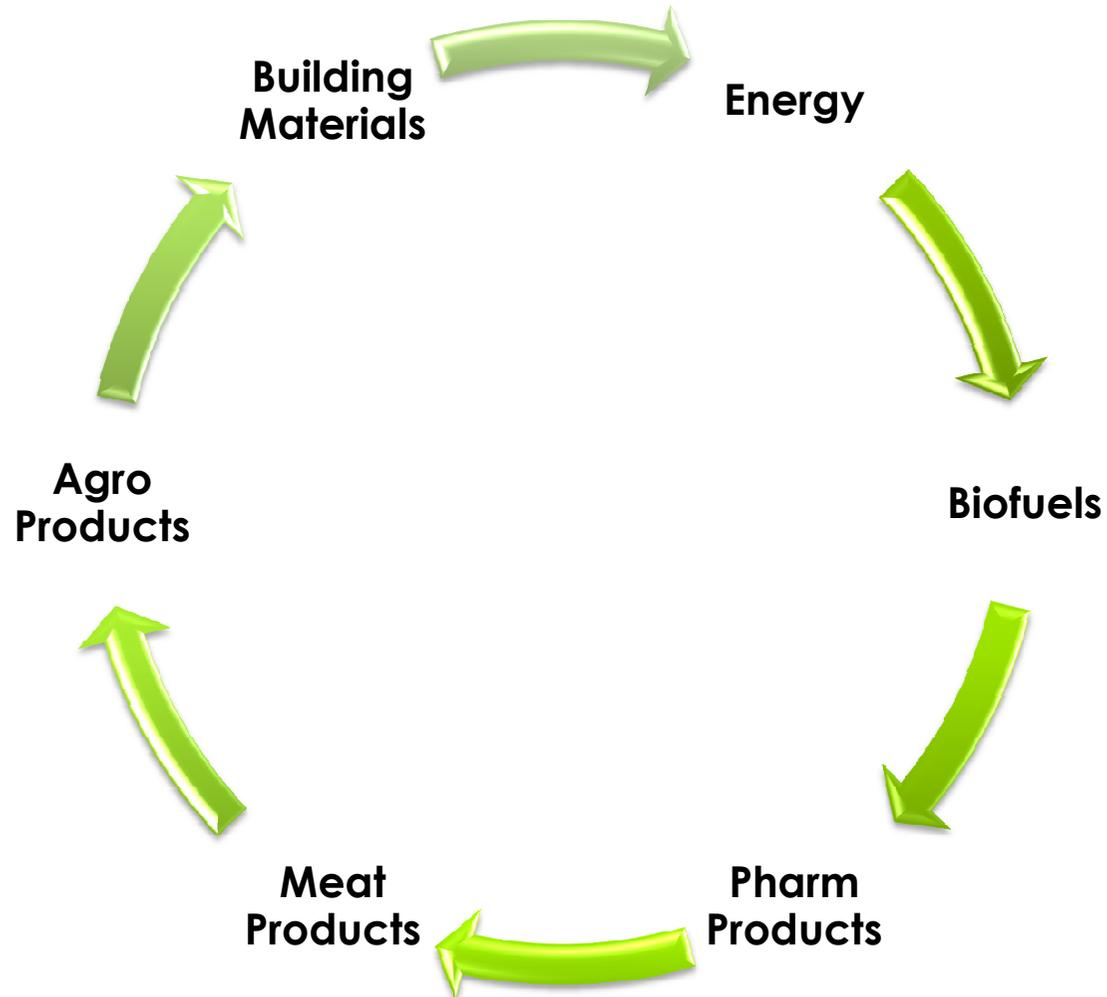
Total Synergy



Full cycle resource utilization



Full cycle resource production

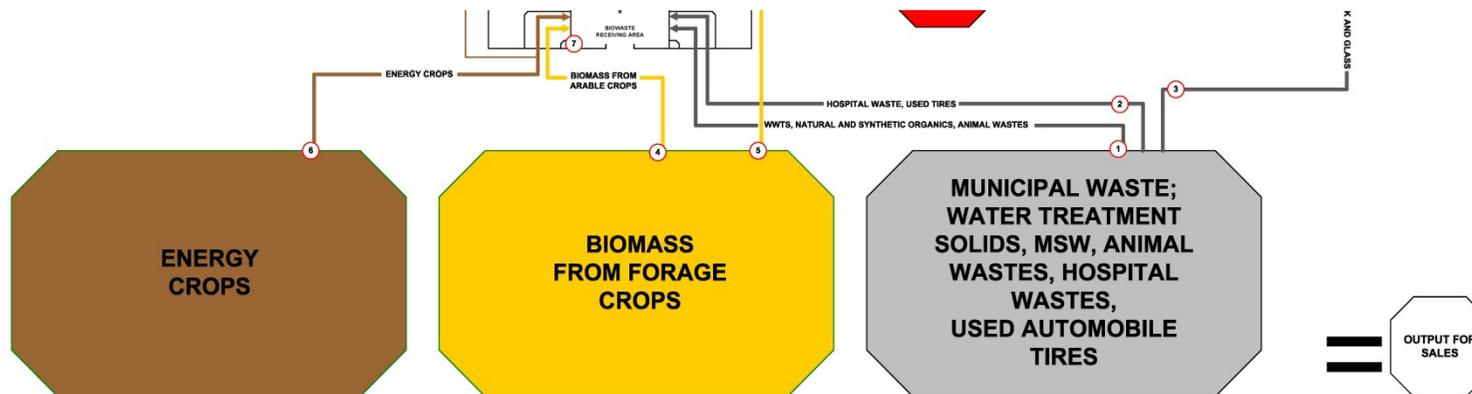


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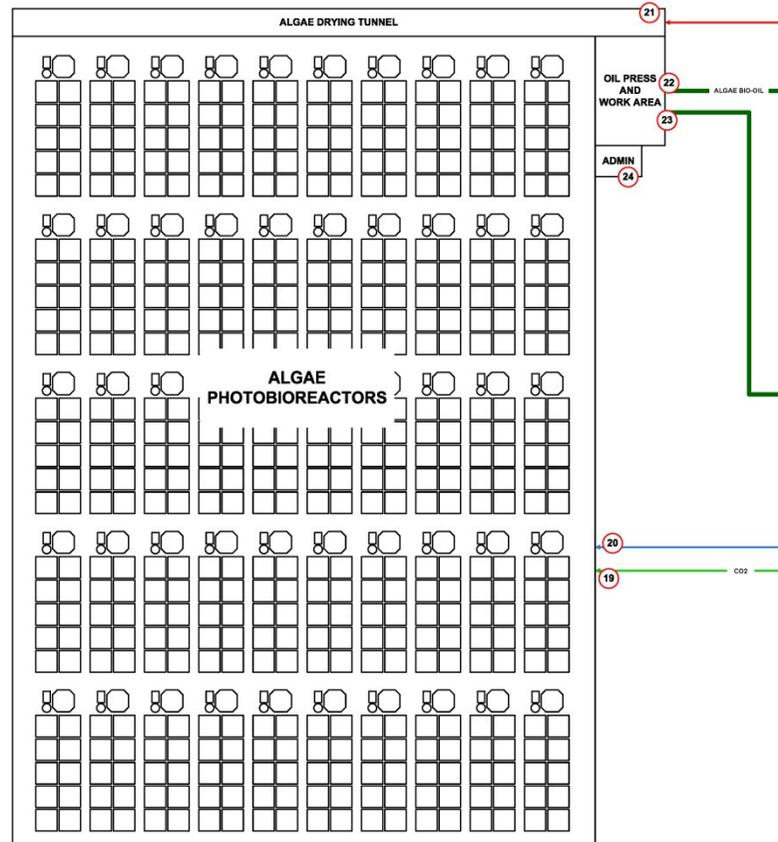
Growth through synergies...

Total Synergy

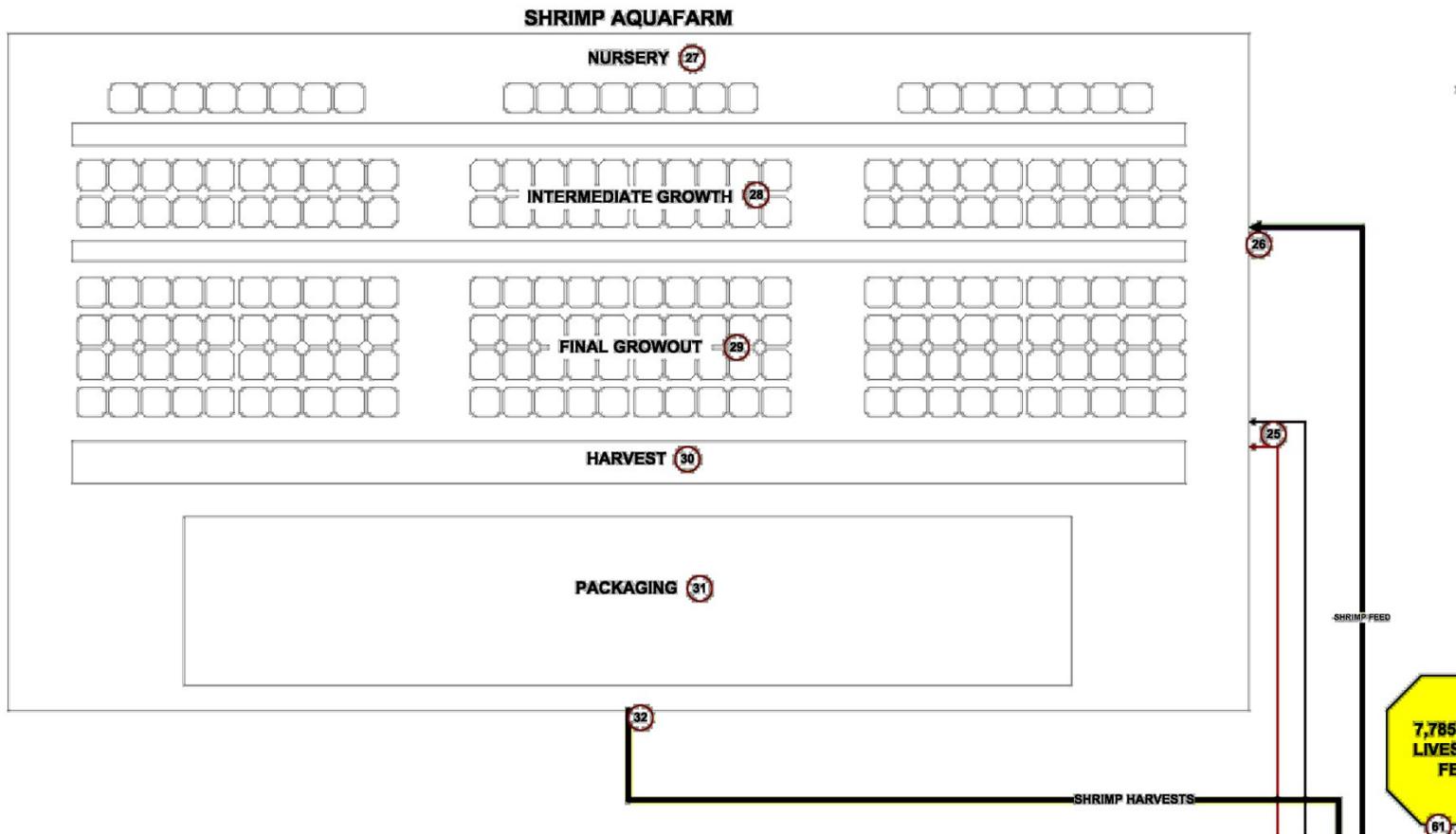
Biomass and waste streams



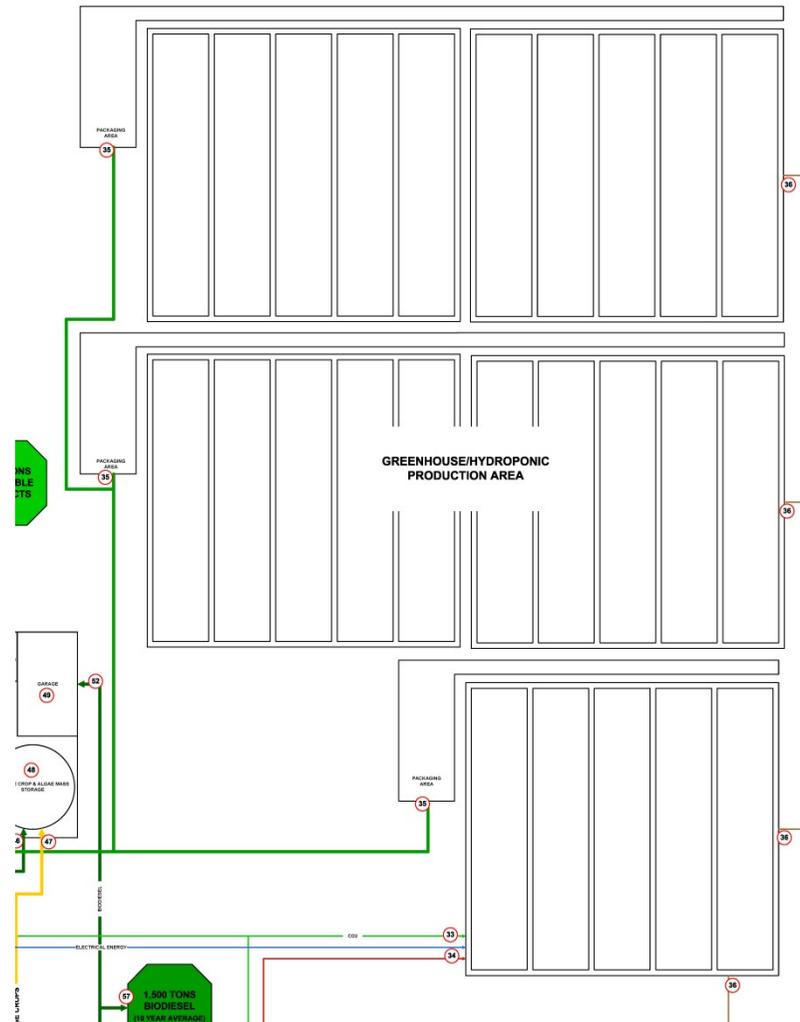
Algae for food, fuel and life



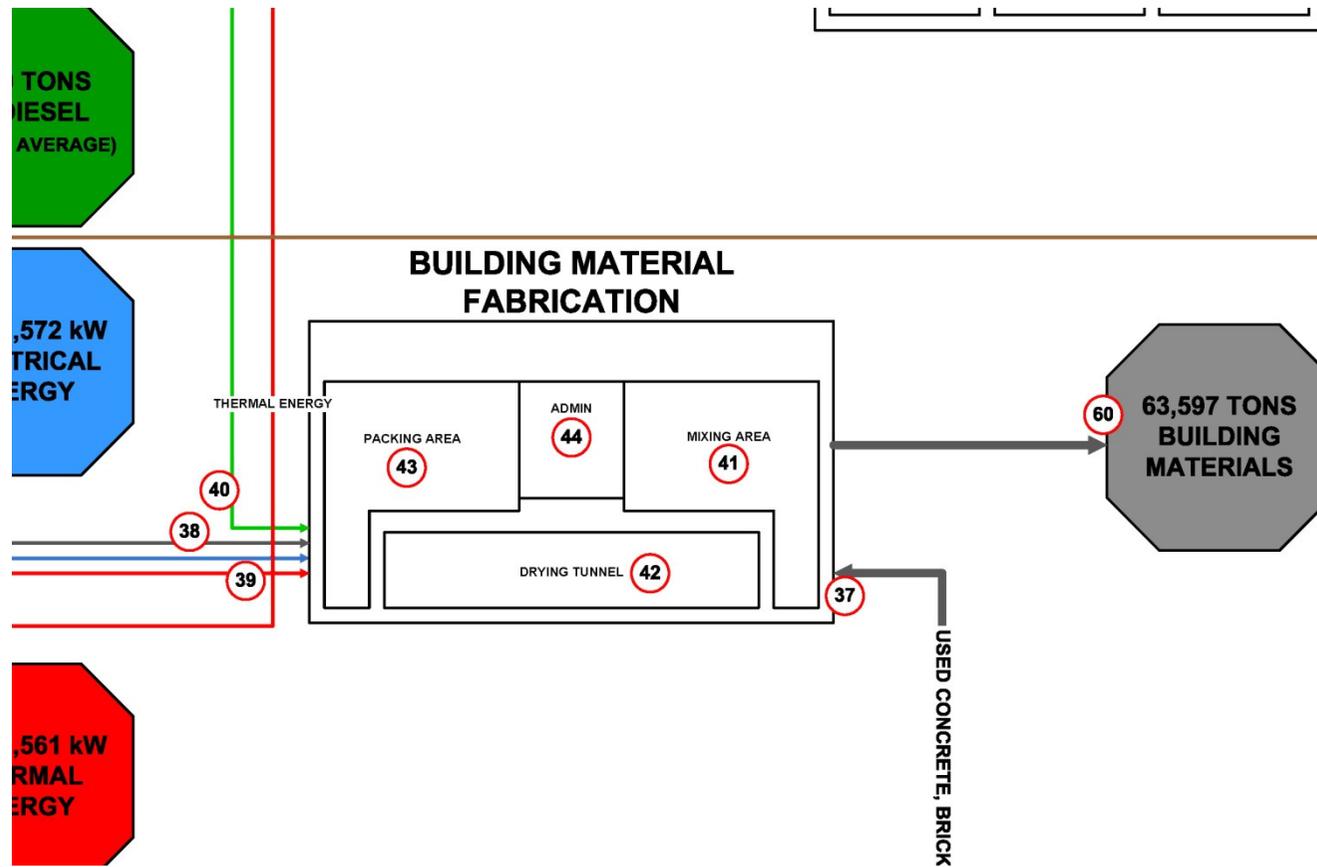
Aquacultures



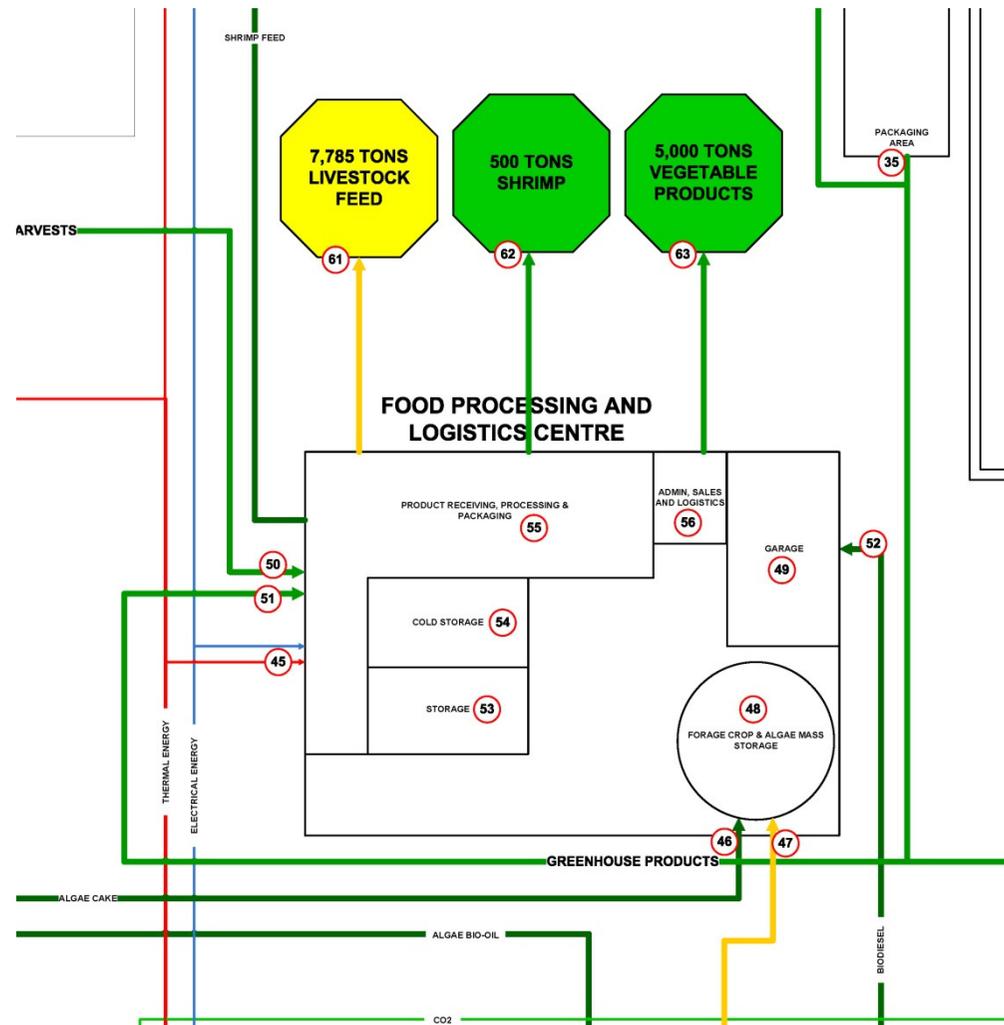
Greenhouse / hydroponics



Building materials



Processing /storage / logistics



ERC - Synergy 2010

- Currently negotiating with CRES and CERTH from Greece
- Need 2 to 4 top Principle Investigators (PIs)
 - Multidisciplined
 - Of the largest in the EU and Associated Countries
- Max 6-year €15 million project

NATT

Growth through synergies...

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Fostering Public-Private Partnerships for local **bio**-business value chains of **used cooking oils**

OILECO

UCO's for Biofuels

Mr. MarkAnthony Chesner
Project Director

NATT, National Association for the Transfer of Technologies
Sofia, Oct. 10th 2012

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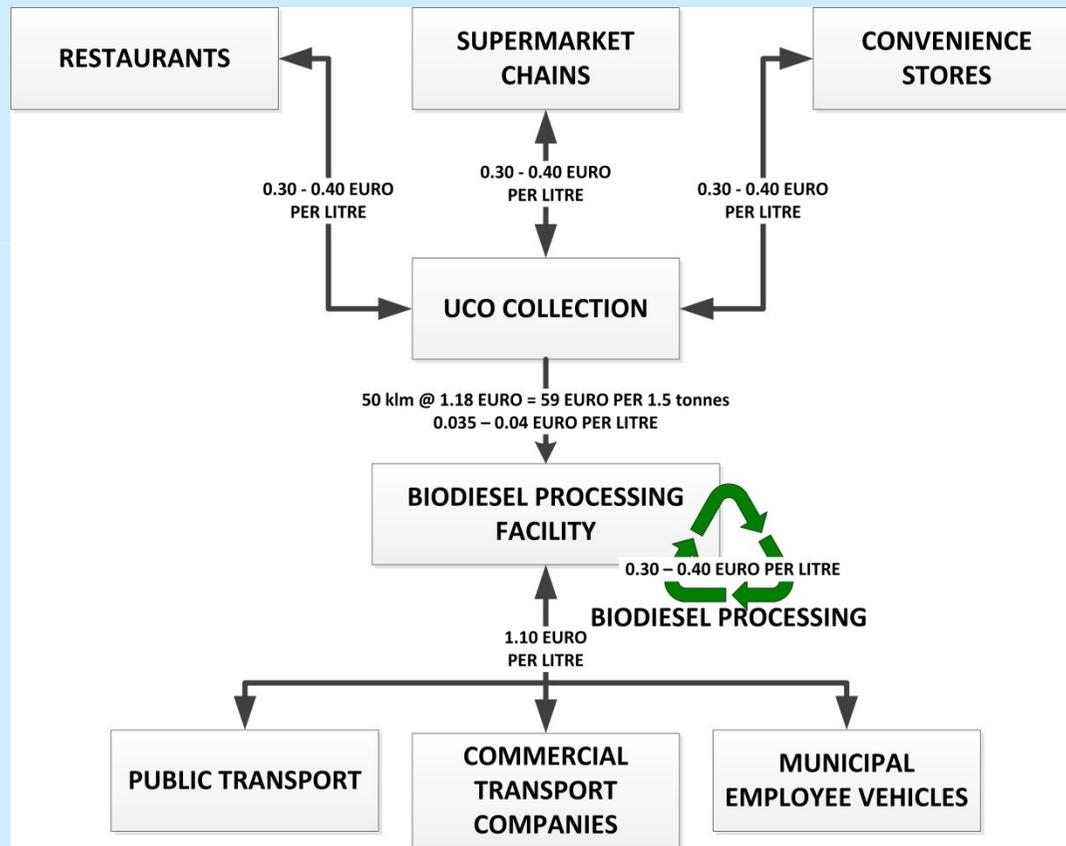
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OILECO - Major outputs and Results

- A minimum of seven UCO value chains, established ex novo and functional in the energy sector (UCO-based fuels used in distributed h&p generations, and, to a lesser extent, in adapted large vehicles);
- A minimum of seven model participatory itineraries allowing establishment of PPPs valorising UCOs in the energy sector;
- Legal, regulatory, administrative requisites for maximizing UCOs interception;
- Options for minimizing the transport component in the interception and collection of UCOs, especially those from households;
- Communication- and trade options preventing UCO consignments against payments;
- Procedures/criteria for calculating maintenance costs caused by UCOs to waste-water systems.

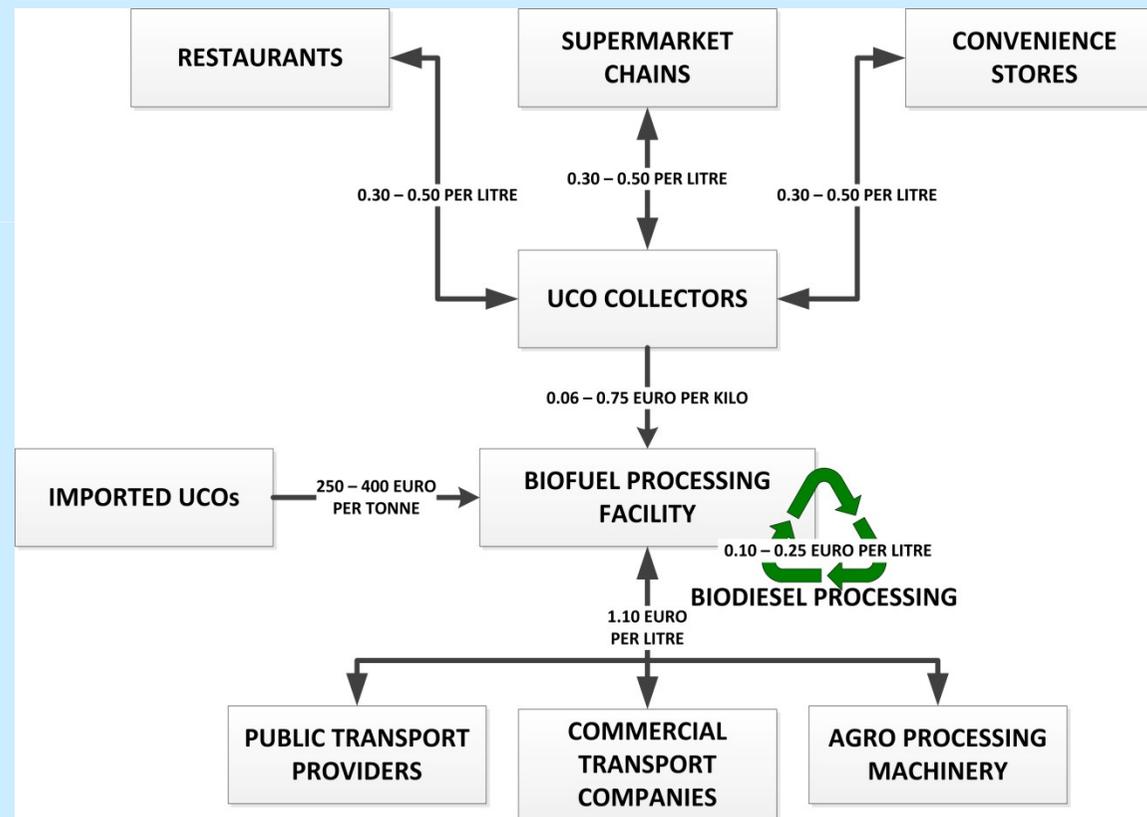
Fostering Public-Private Partnerships for local **bio-business** value chains of **used cooking oils**

OILECO - Plovdiv Region



Fostering Public-Private Partnerships for local **bio**-business value chains of **used cooking oils**

OILECO – Varna Region





Fostering Public-Private Partnerships for local **bio**-business value chains of **used cooking oils**

OILECO Partners

Partic N°	Participant name	Participant short name	Country code	Main activities in Consortium
CO 1	European Consulting Brussels	ECBrussels	BE	Coordinator, project management, facilitation of Belgian initiatives, dissemination.
CB 2	AGROILS	AGROILS	IT	Support and Analysis of initiatives related to the development of biodiesel production plants
CB 3	Ecosoluzioni	Ecosoluzioni	IT	Development of methodology, analysis and facilitation of Italian initiatives, dissemination
CB 4	National Association for the Transfer of Technologies	NATT	BG	Analysis and facilitation of Bulgarian initiatives
CB 5	Bay Zoltan Foundation	BZAKA	HU	Analysis and facilitation of Hungarian initiatives
CB 6	Regional Energy Agency of Madrid	FENERCOM	ES	Analysis and facilitation of Spanish initiatives, dissemination
CB 7	AWV	AWV	AT	Support and analysis on the UCO from collection through final fuel use
CB 8	Biodiesel Technology	BDT	SK	Support and analysis for the biodiesel equipment in Europe



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OILECO - Contact

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