

*BioAsie HTMS - 1st Workshop at LISBP (Toulouse, FR),  
23-26th June 2015*

# HTMS BioASIE PROJECT BIOPROCESS INTENSIFICATION CHALLENGES RELATED TO TRANSFER LIMITATION

**BIO-Asie**

**INSTITUT  
FRANÇAIS**  
SINGAPOUR



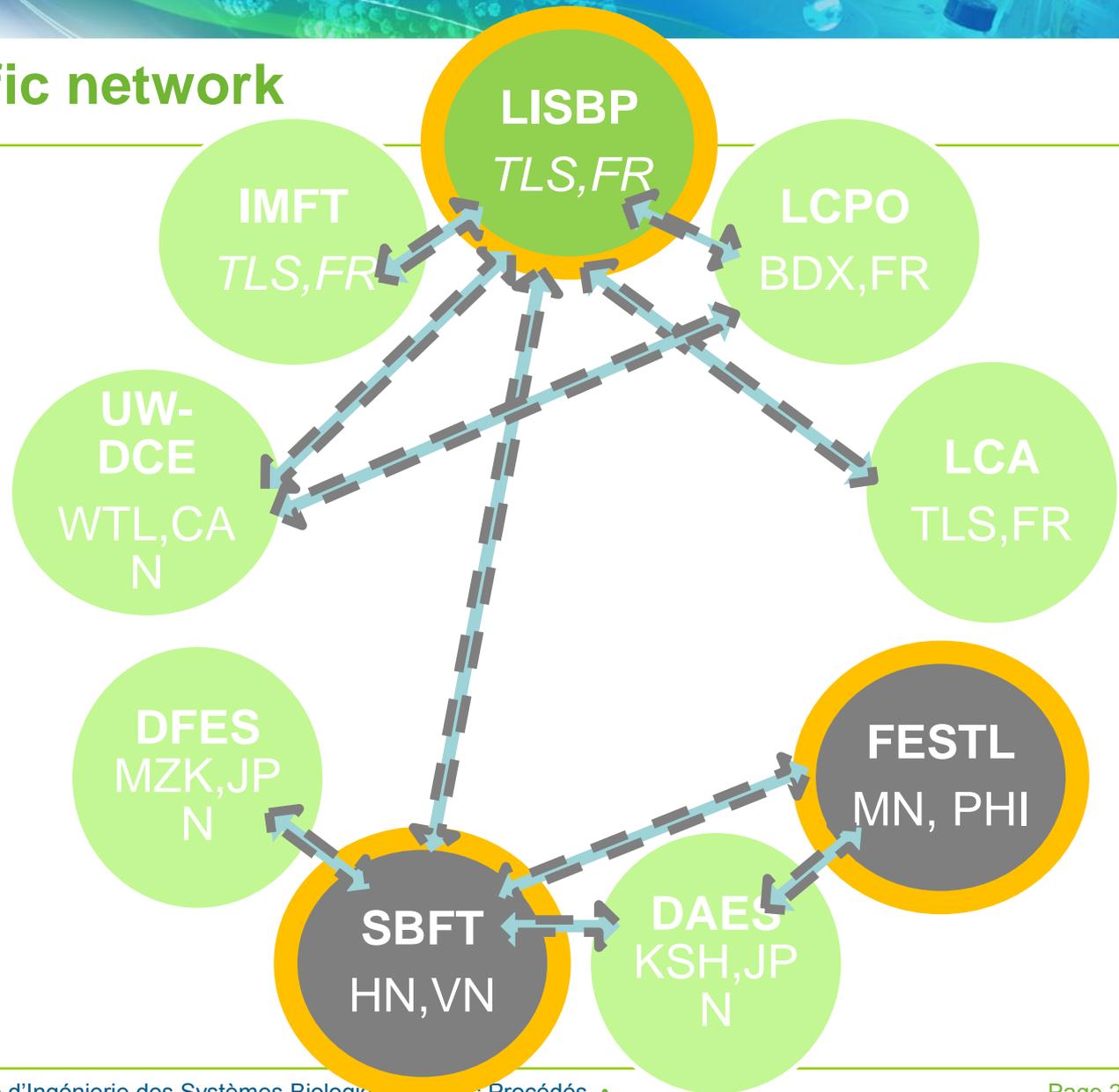
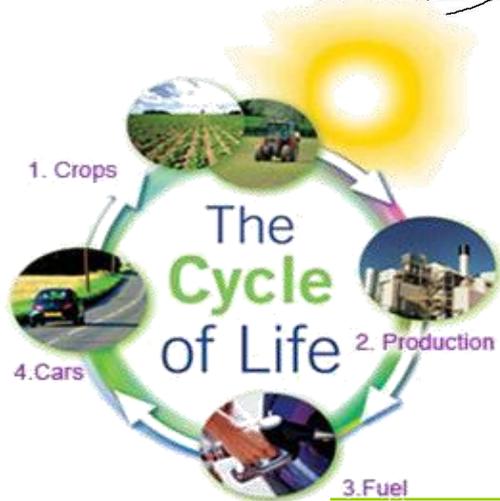
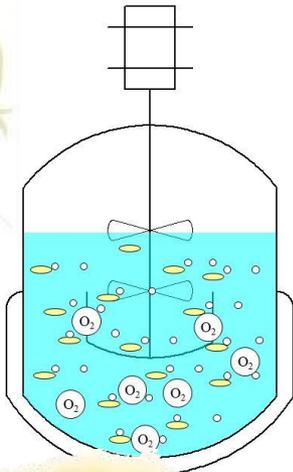
**LABORATOIRE D'INGÉNIERIE  
DES SYSTÈMES BIOLOGIQUES  
ET DES PROCÉDÉS**



**INSA  
TOULOUSE**



## Scientific network



# OUTLINES

Tuesday 23rd June

**FILLAUDEAU Luc**

*Overview of HTMS aims and context*

*Description of LISBP*

~15'

~ 15'

**LINDLEY Nicholas (LISBP head)**

*Presentation and visit of LISBP*

~ 30'

**Lunch time (CEMES)**

**GOMA Gérard (LISBP)**

**Biomass and bio-economy: the international context**

~ 90'

**PHAM Tuan Anh & CAO Bach Xuan (SBFT)**

**Pretreatment of lignocellulosic biomass: Steam explosion (rubber wood) and Organosolv (bagasse)**

~ 60'



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Université  
de Toulouse

**OUTLINES**  
Wednesday 24th June

TO Kim Anh (SBFT)

~60min

Screening cellulosic fungi in term of hydrolysis ability-secretom.

COMA Veronique(LCPO)

~60min

*Intermediate compounds during hydrolysis: identification and quantification.*

Lunch time (CEMES)

FILLAUDEAU L., NGUYEN Tien Cuong & LE Tuan (LISBP)

Hydrolysis of pretreated lignocellulosic matrixes: focus on physical insight

~90min

**OUTLINES**  
**Thursday 25th June**

**VANDENBOSSCHE Virginie (LCA)** ~60min  
**Biomass pretreatment by extrusion and reactiv-extrusion**

**DE LEON Rizalinda (FETSL)** ~60min  
***Bioethanol production from alkaline-pretreated sugarcane bagasse by consolidated bioprocessing using Phlebia sp.***

**Lunch time (pack lunch in Bio5)**

**Presentation of EAD8 (FAME) and visit of experimental capacity** ~60min

**DE LEON Rizalinda** ~30min  
**FETSL presentation to FAME Team**

**CAMELEYRE Xavier (LISBP)** ~60min  
**Microbial valorization of hydrolysed or pretreated lignocellulosic biomass**

**OUTLINES**  
**Friday 26th June**

**FILLAUDEAU Luc**

**Restitution about presentation and discussion / Opportunity**

**Budget statement (BioAsie 2015–2016)**

**Exchange with**

- **Attaché for Higher Education & Sciences - Embassy of France in Vietnam**
- **Daniele FOURNIER (Head of International Relation, INSA Toulouse)**

**Open discussion / plan of action / schedule**

**Lunch time (Parc techno Canal / Marin d'Eau Douce)**

**Visit of TWB (Toulouse White Biotech) capacity ~60min**



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