

# AgroCycle & NoAW stakeholder activities



The European Stakeholder Platform (by Dr. Burkhard Schaer, ECOZEPT)

The Asian Mirror Platform (by Dr. Guang-Way (Bill) Jang, ITRI)



**The Agrocycle Stakeholder activities**

(by Dr. Thomas Oldfield, University College Dublin)

# NoAW - KESP Knowledge Exchange Stakeholder Platform



## What is the objective?

- To create a network of all kind of stakeholders (public, private companies ...)
- To open dialogue among them and with the NoAW project
- To share experiences, opinions, skills, ideas, data and results
- In order to guide the work in NOAW and to accelerate the uptake of results.



# NoAW- KESP Knowledge Exchange Stakeholder Platform



## What is it like?

An internet-based

- interactive platform for
- networking and
- information exchange

Built and animated by :



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 688338

# NoAW - KESP Knowledge Exchange Stakeholder Platform

What do stakeholders  
get out of it?

Early access to  
exclusive cutting-  
edge research results



This project has received funding from the European

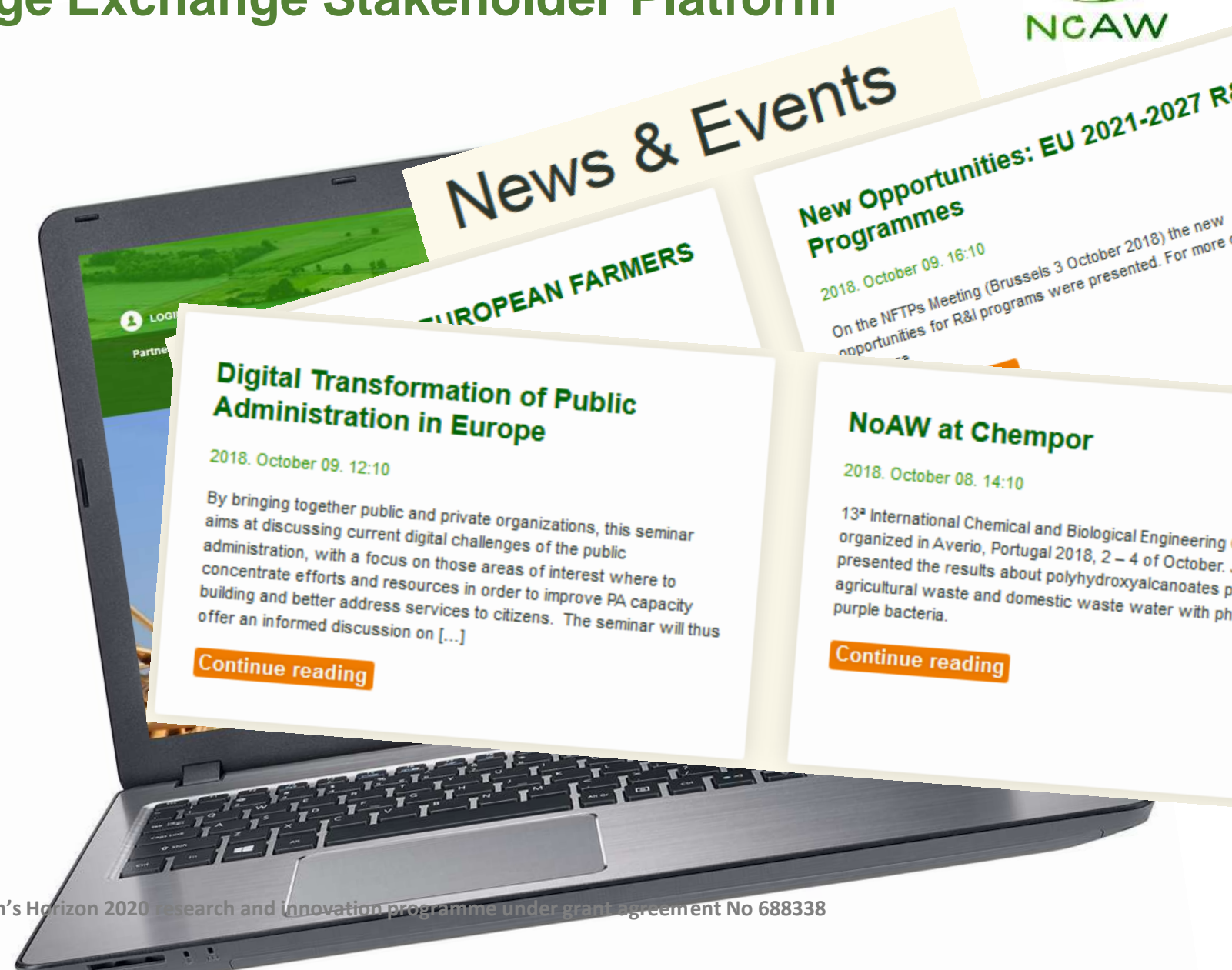


# NoAW - KESP Knowledge Exchange Stakeholder Platform



What do stakeholders  
get out of it?

Information on  
news & events



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# NoAW - KESP Knowledge Exchange Stakeholder Platform



What do stakeholders  
get out of it?

A growing network



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# NoAW - KESP Knowledge Exchange Stakeholder Platform



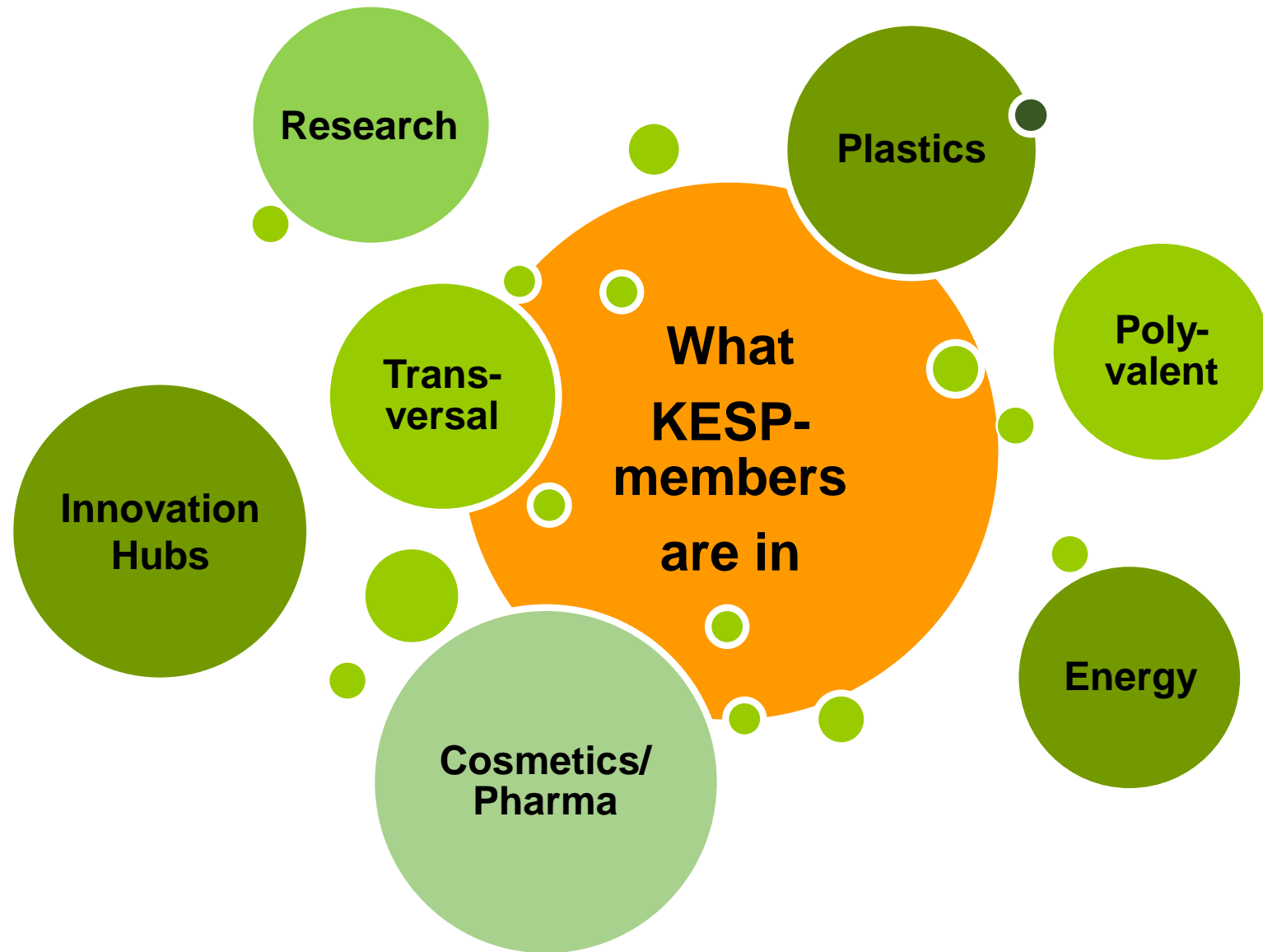
**EU-NoAW  
KESP  
28**

**Asian  
mirror:  
5**



# WP1 – KESP

## What do NoAW stakeholders do?





# WP1 – KESP



Italy, Molecular Science  
and Technologies



Norway, R&D



**LNE**

LABORATOIRE NATIONAL  
DE MÉTROLOGIE ET D'ESSAIS

France, applied research,  
material testing



INSTITUTO  
SUPERIOR D  
AGRONOMIA  
*Universidade de Lisboa*

Portugal,  
research and  
teaching



**Research**



Greece,  
fundamental  
research

**LEITAT**  
managing technologies



Spain, R&D, technology transfer (private)



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**NoAW - KESP**

Italy, innovation and  
technology transfer



Netherlands,  
Innovation hub



France, business and  
research cluster



**Qualiméditerranée**

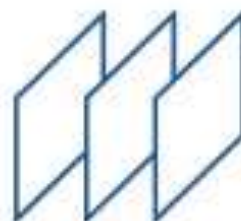
**Innovation  
Hubs,  
Clusters,  
Umbrellas**

France, Extension  
services for farms



Greece, renewable  
energies and saving

Germany,  
transversal research  
co-operations



**Bavarian  
Research Alliance**



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# NoAW - KESP



France,  
winemakers

France,  
biotransformation of  
waste effluents

France, ingredients  
from grapevine extracts



France,  
cork  
innovation



France, quality  
management and  
controlling



Greece,  
information  
technologies,  
consulting



Netherlands,  
consulting services



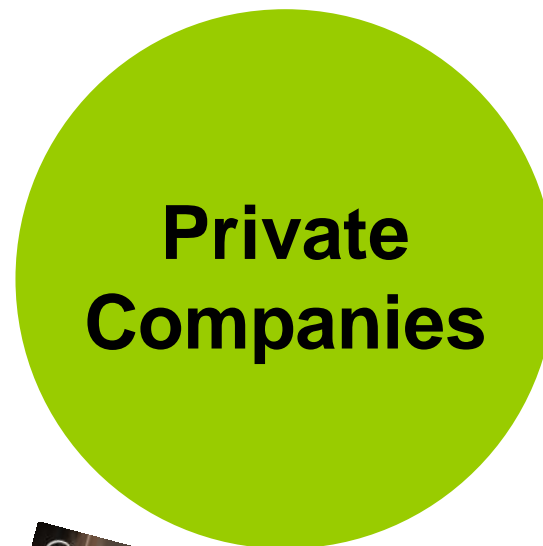
Hungary,  
consulting



# NoAW - KESP



Italy, food  
packaging  
plastics



Terra Humana Ltd.

Hungary, Bio-  
sourced  
fertilizers

Greece, waste  
management



Germany, biologists and  
business consultants



France & Germany,  
packaging



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## WP1 – KESP



**Private  
Companies**



Terra Humana Ltd.



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## WP1 – KESP



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# NoAW - KESP Knowledge Exchange Stakeholder Platform



**What stakeholders do  
have to invest into  
the KESP ?**

**Membership is free  
Simple registration  
Confidentiality agreement**

**“Sometimes” participate on  
surveys (non-compulsory)**





# Survey: What « waste » should be treated with?



**municipal  
waste**

**food and  
slaughter  
house  
waste**

**digestate**

**vine  
shoots/  
strains/  
stalks**

**tea leaves**

**potato  
starch  
(processi  
ng waste  
incl.  
water)**

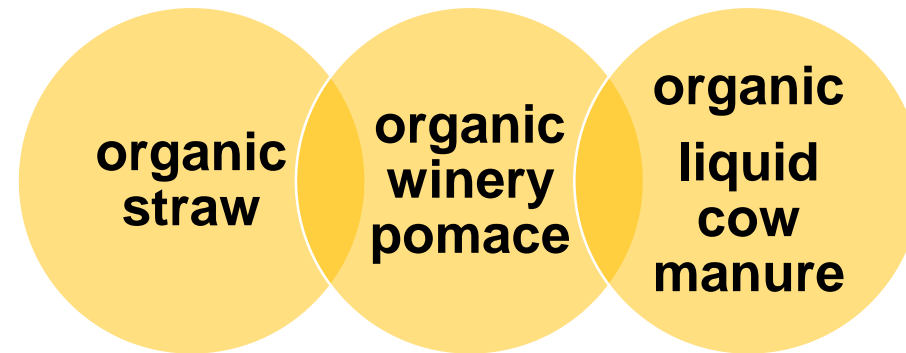
**fruit and  
vegetabel  
waste**





# Survey: What « waste » should be treated with?

Most interesting assets out of **organic agriculture**:





ECOZEPT



harmonizing economy & ecology in the agro-food business  
mainly working in organic agriculture supply chains  
we do market research and consulting  
18 years, 300 projects and ...  
WP1 leader in NoAW

*“Let entrepreneurs talk to entrepreneurs”*



# This presentation came from far away....

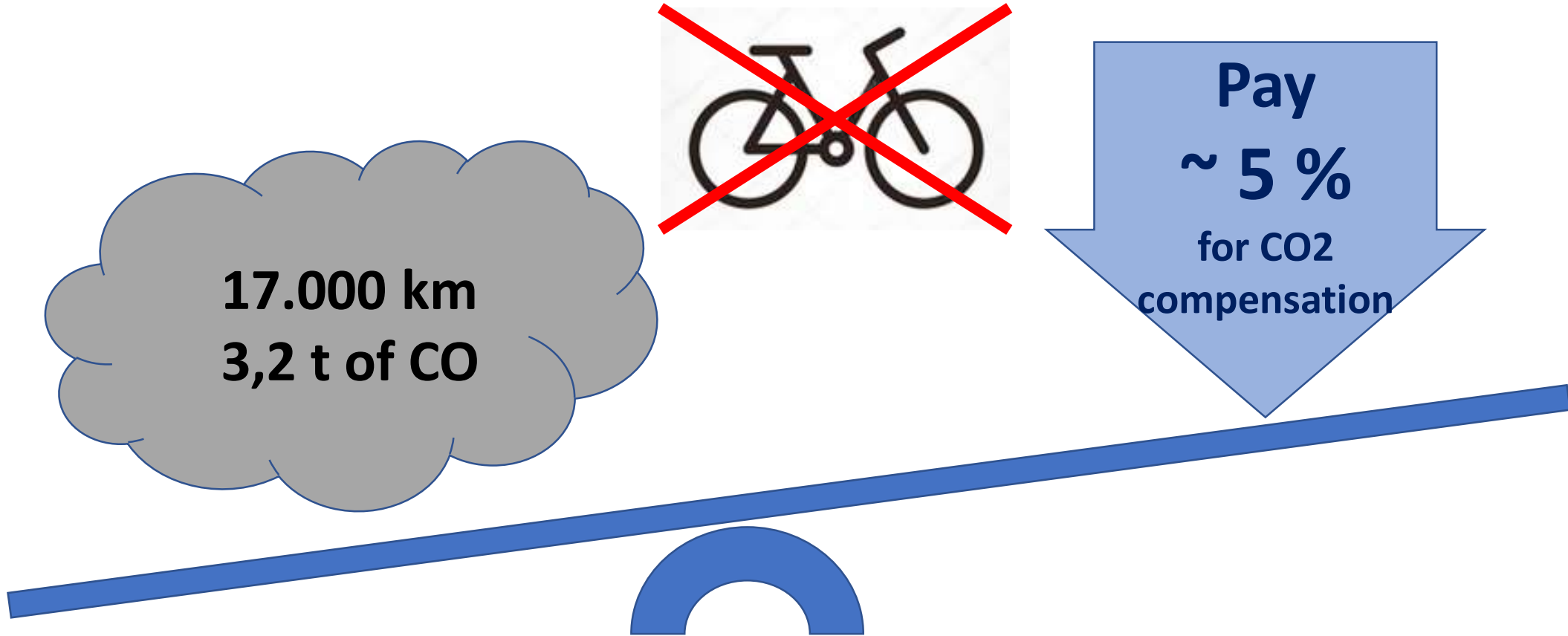
**That's 30 % of the  
annual emissions  
of an average  
European!**

**17.000 km  
3,2 t of CO**

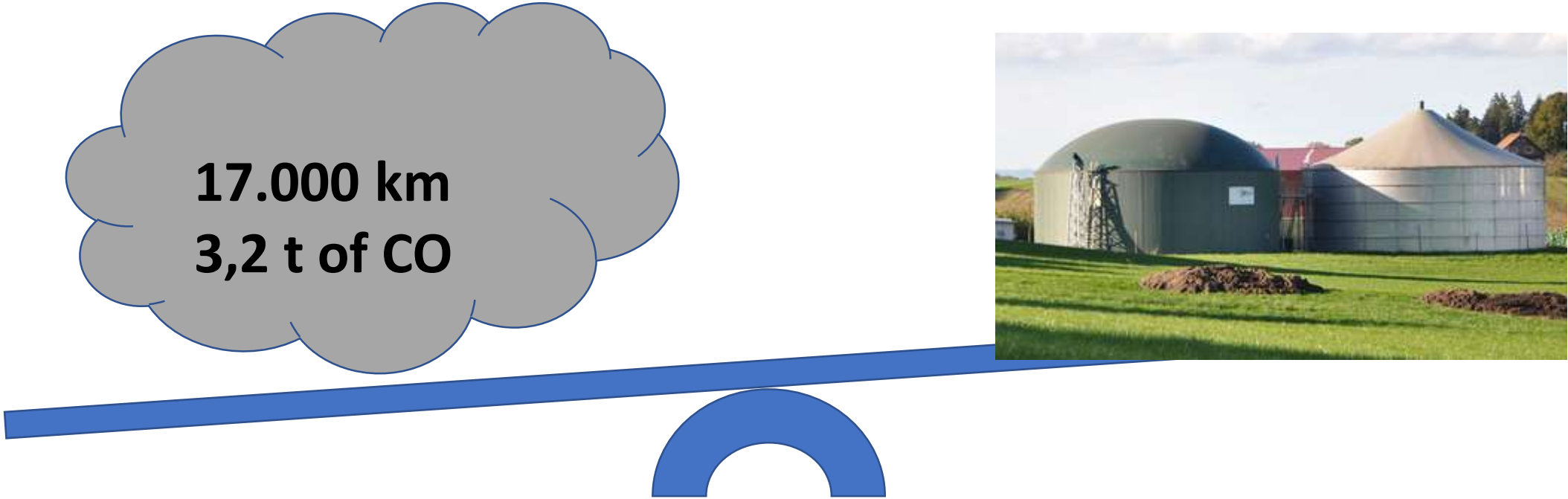




# This presentation came from far away....



**This presentation came from far away ....**  
**... but climate – compensated.**

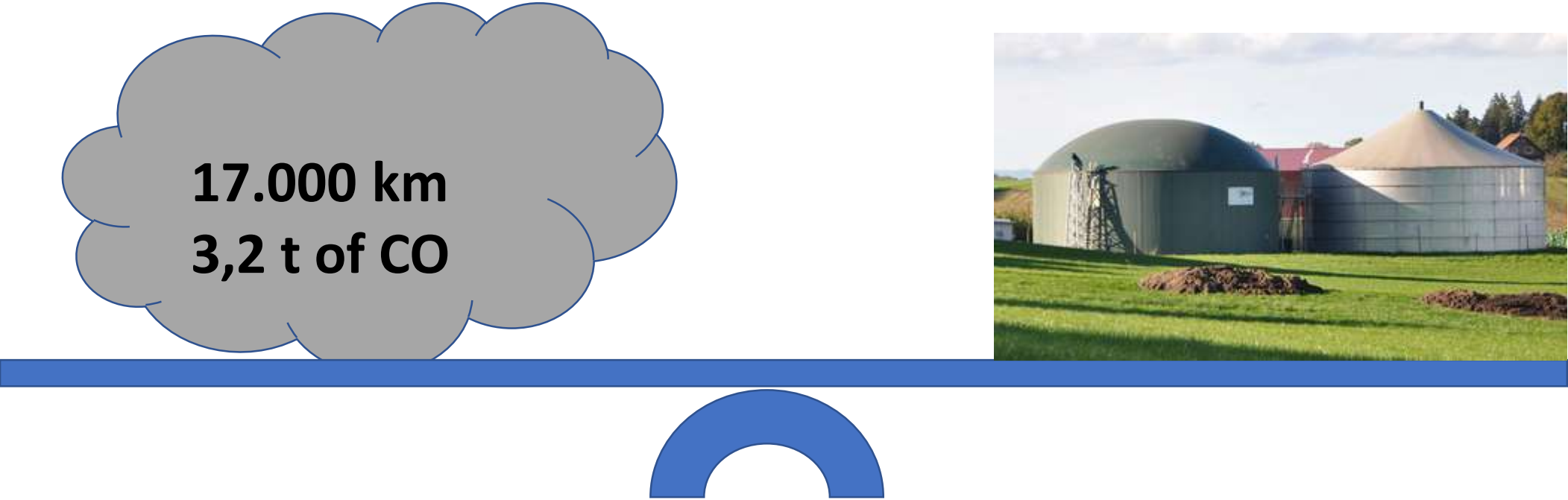


**17.000 km**  
**3,2 t of CO**



**This presentation came from afar ....**

**... but climate – compensated. Thank you for your attention !**

A diagram of a balance scale. On the left pan, which is higher, sits a grey cloud containing the text '17.000 km' and '3,2 t of CO'. On the right pan, which is lower, is a photograph of two large, cylindrical metal silos in a green field. The scale is represented by a blue horizontal beam with a blue semi-circular fulcrum in the center.

**17.000 km**  
**3,2 t of CO**





Agricultural waste and residue management for a circular bio-economy:  
Shared EU and China impact-oriented solutions  
22-23 October 2018  
Hubei Hotel, Beijing, China

# **NoAW Asia Mirror Platform**

**Guang-Way (Bill) Jang, ITRI**



# Asian Mirror Platform

 穩譚科技股份有限公司  
WIN TIME TECHNOLOGY CORP.

 遠東新世紀  
FAR EASTERN NEW CENTURY

**SINGTEX<sup>®</sup>**

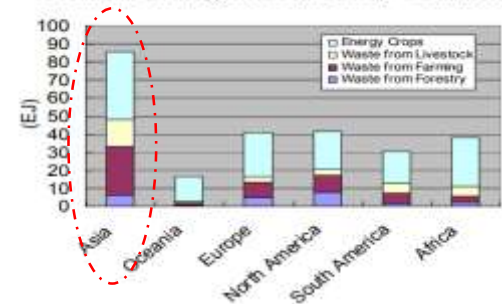
**ciirc**

 **Easypack**

# Abundant Renewable Resources



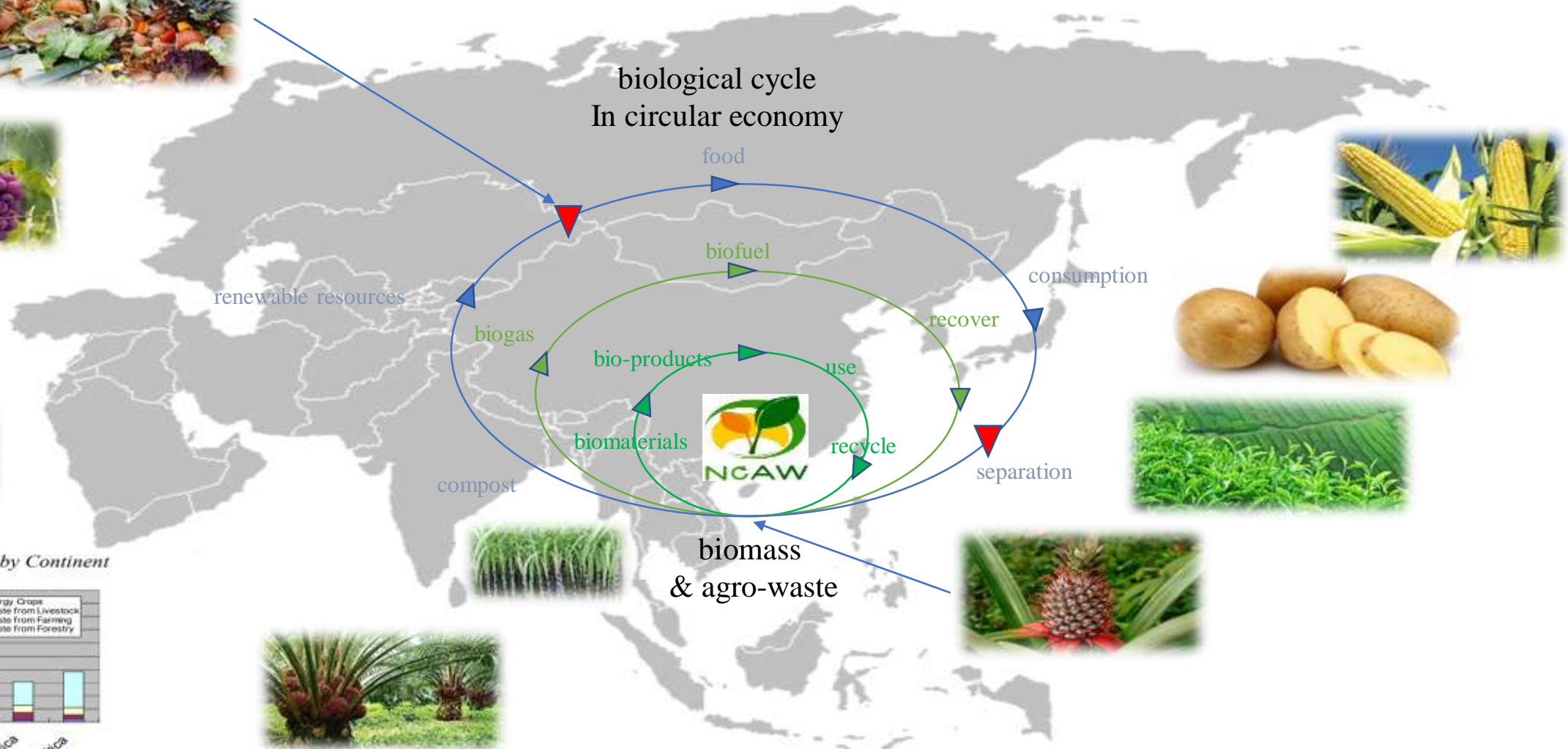
Biomass Energy Resources by Continent



Source: AIST

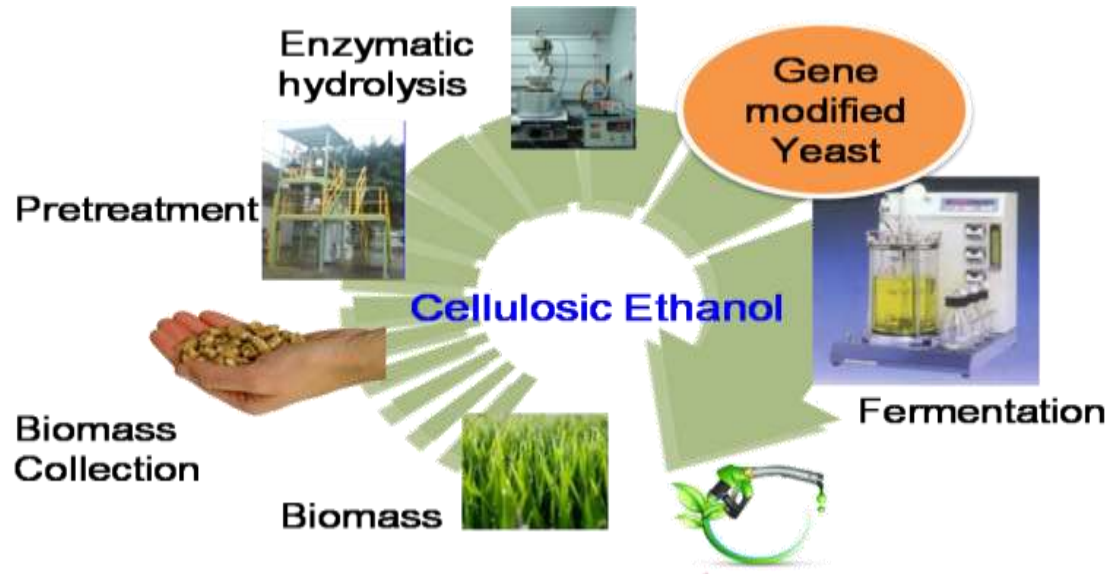


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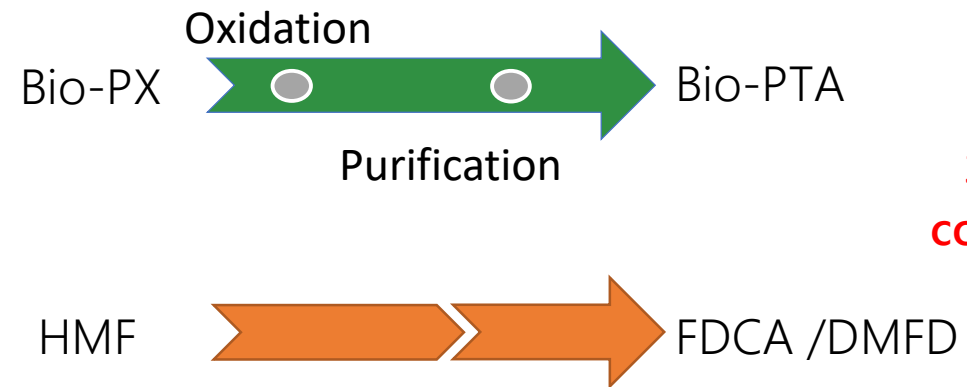
# Bioethanol & Bio-based Polyester

## Cellulosic Ethanol



Completed Pilot Plant Construction

## Bio Polyester



Bio-PTA/FDCA drop-in evaluating platform





# Plant-based Fire Extinguishing Agent



Litchi



Phellodendron Amurense



Illicium Verum



Skullcaplike Coleus



Milk Bush



Emilia Sonchifolia



Mint



Dried Ginger



*Agro-Waste*



SGS





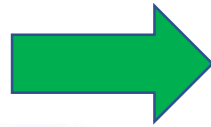
# Compostable Tableware



distillers' grains



paper pulp



bioplastic thermoforming



# Coffee Grounds for Textile & Clothing





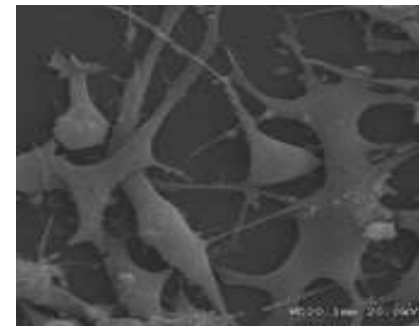


Biodegradable

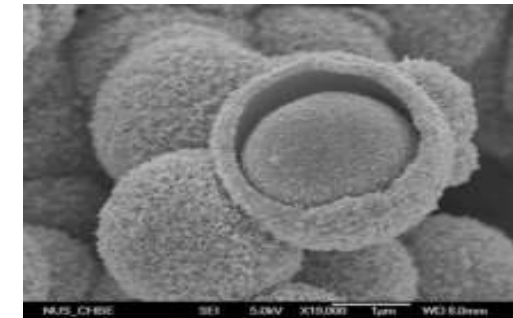


PCB

tissue engineering



Soyprotein scaffold



3D scaffold from plant proteins

Milkweed Biocarbon for waste water treatment



# A Joint Effort to a Better World

