

The mobilization of agricultural solid biomass for local energy

15th February 2017. Brussels

Results of the SUCELLOG project:
**Triggering the creation of biomass
logistic centres by agro-industries**



Co-funded by the Intelligent Energy Europe
Programme of the European Union

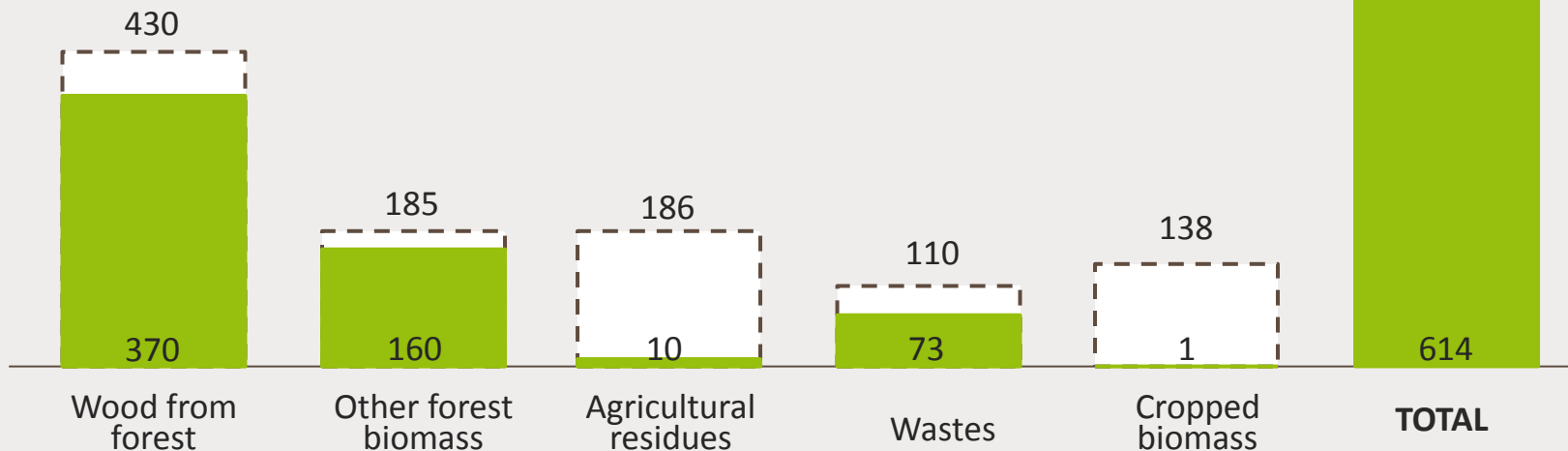
Potential of agricultural resources

“There is **significant potential to expand** the share of energy & materials production from biomass in a 2020-2030 timeframe in a sustainable way and without entering into conflict with food and feed security”

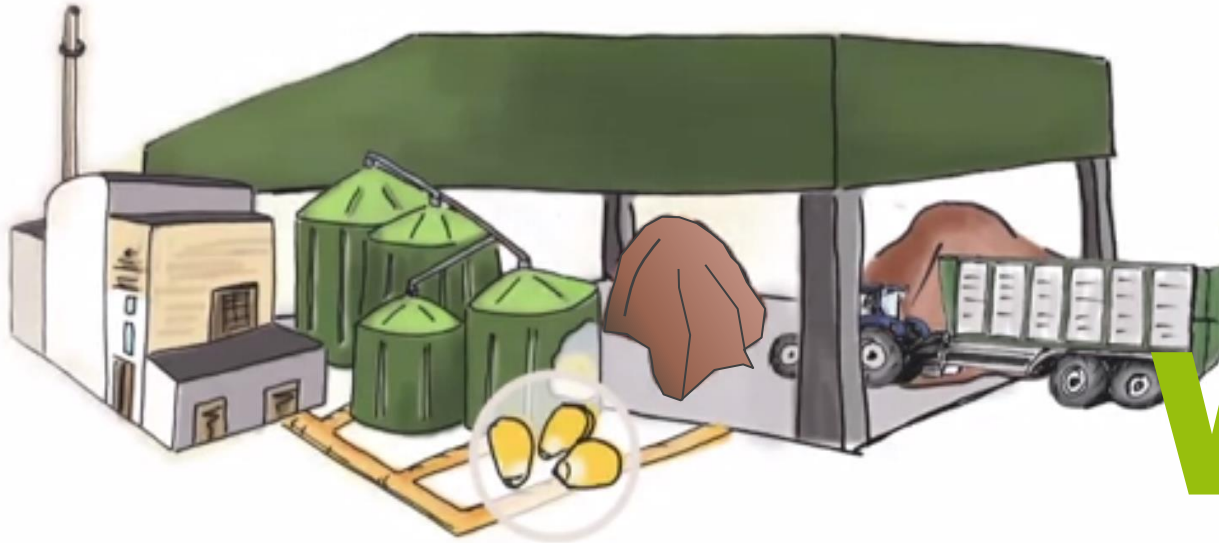
(S2Biom project (7th FP) –Overview report on the current status of biomass for bioenergy, biofuels and biomaterials in Europe)

“To support this growth all studies agree that we have to **unlock the potential of certain resources** that are currently underutilised and the agriculture resources are one of them”

Million t of biomass (Currently used / total potential) - 2030



Let's make agro-industries **key actors**
in the supply of solid biomass for Europe!



WHY?

Equipment & facilities
compatible with
solid biomass
production

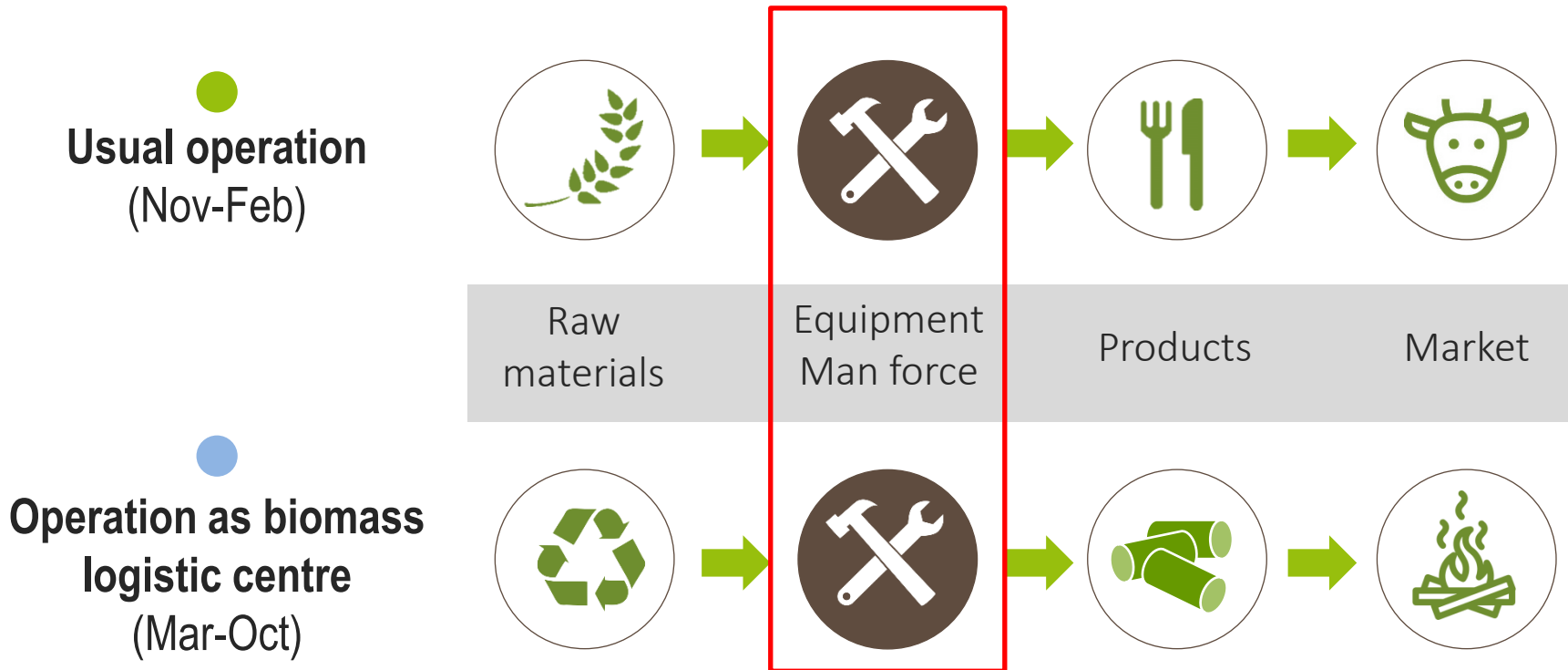
Work under
seasonal regime

They are **key**
actors in the
territory

They produce
residues or
surrounded by
residues

Experience with
organic
feedstocks and
aware about
quality assurance

SUCELLOG concept



valueCHAIN **HEAT** From residue to sub-product BIOeconomy
Partnerships **SIL** **O** **dust** Feedstuff producers
Overlaid maize silage
lucerne dehydration facilities RURAL **SUCELLOG**
AGROindustries **CONCEPT**
Cereal straw
Olive pomace industries
RURALEconomy marketUPTAKE agriculture
distilleries lavender straw
Olive oil mills
Local use of agricultural residues: biomass **Olive pits** innovation
agroindustrial or on-field farmer
Grape stem **Circular economy**
logistics StrategicLine **wineries** Synergy with main activity
Maize cobs Cereal dryers
SUSTAINABILITY **Self-consumption**
NO **competing** **USES** Olive pomace Wood prunings

Potential agro-industries



Potential biomass resources



Project features



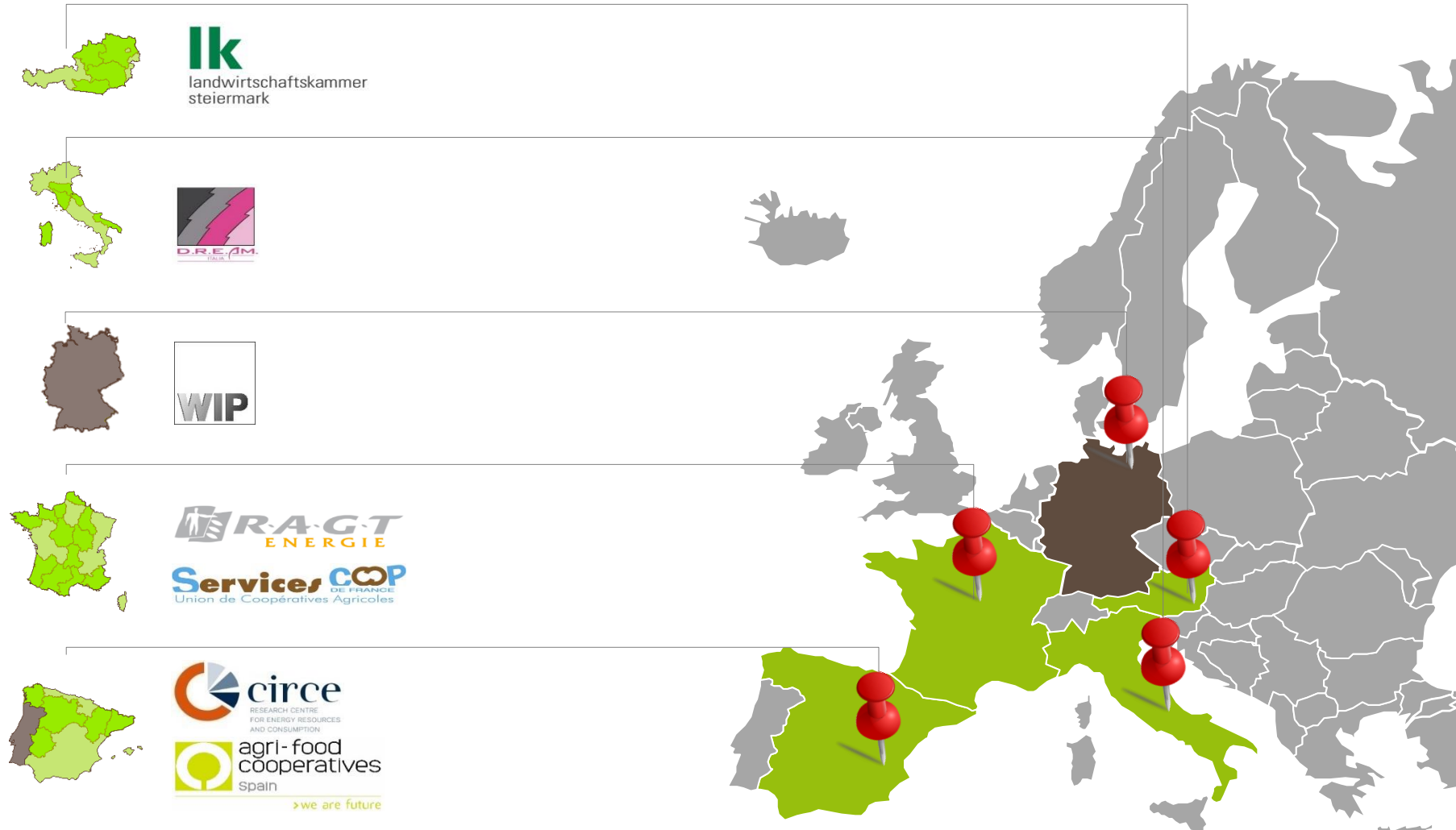
Total Budget
1.826.044 €

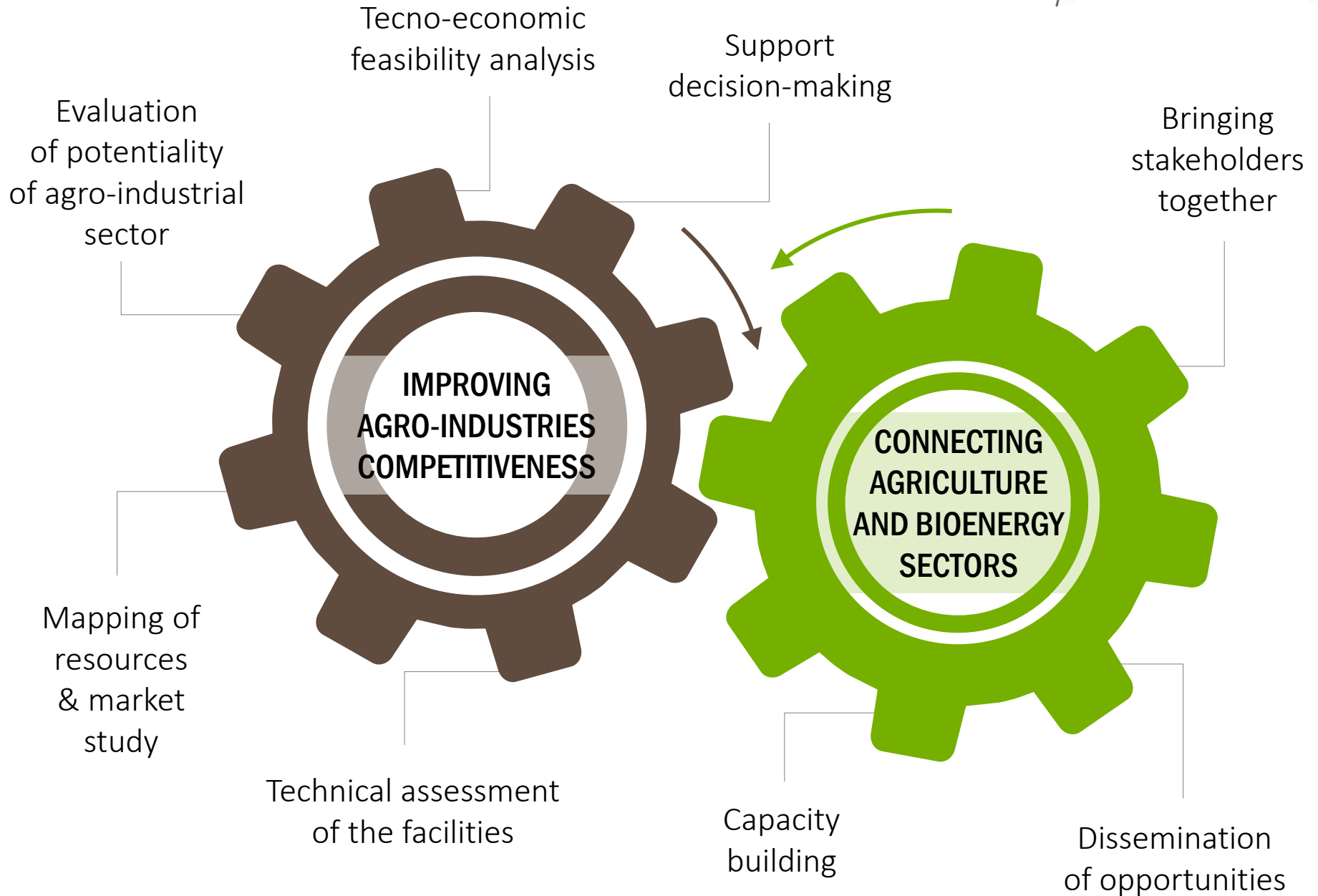


EU Funding
1.369.532 €

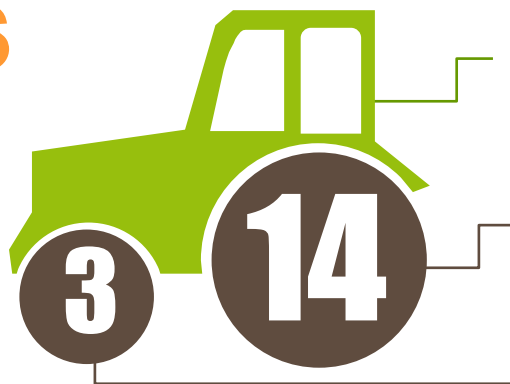


Length
April 2014 – March 2017





OUT PUTS



63 Agro-industries supported

AGRO-INDUSTRIES GIVING STEPS TOWARDS becoming a biomass logistic centre in a short-term

BIOMASS LOGISTIC CENTRES integrated in an agro-industry created

MATERIALS



4 Tailor-made business models to become agricultural biomass logistic centres



7 Handbooks and guidelines oriented to the agriculture sector

NETWORKING

68
Policy-makers engaged

146
Personal meetings to identify sector opportunities and barriers

166
Publications with +2 mill. people audience

+700
Contacts carried out with the agrarian and bioenergy sectors

+160



Potential actors of initiatives engaged in bilateral meetings

ATTENDANTS

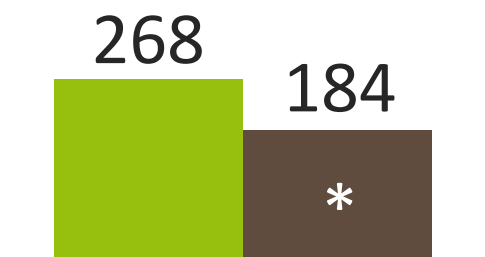
to European, national and regional workshops

1171

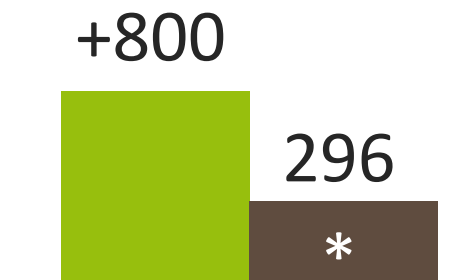
38

TECHNICIANS TRAINED from agrarian associations

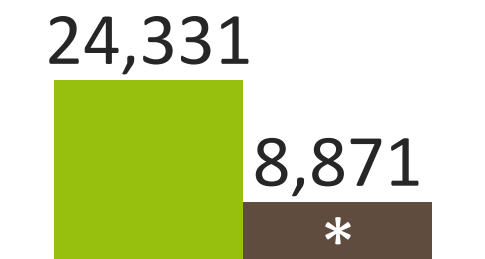
PROJECT IMPACTS



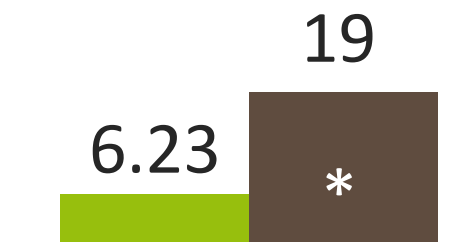
MEETINGS with stakeholders and policy-makers



Stakeholders from agriculture sector in DISSEMINATION activities



toe AGRICULTURAL RESIDUES MOBILISED- SHORT TERM



€ LEVERAGED PER € FUNDING - SHORT TERM

* Average IEE bioenergy projects (reliable and acceptable data; not counting SUCELLOG)

A MARKET

B LACK OF
AWARENESS/KNOWLEDGE

C POLICY , REGULATORY
AND LEGISLATIVE
FRAMEWORK

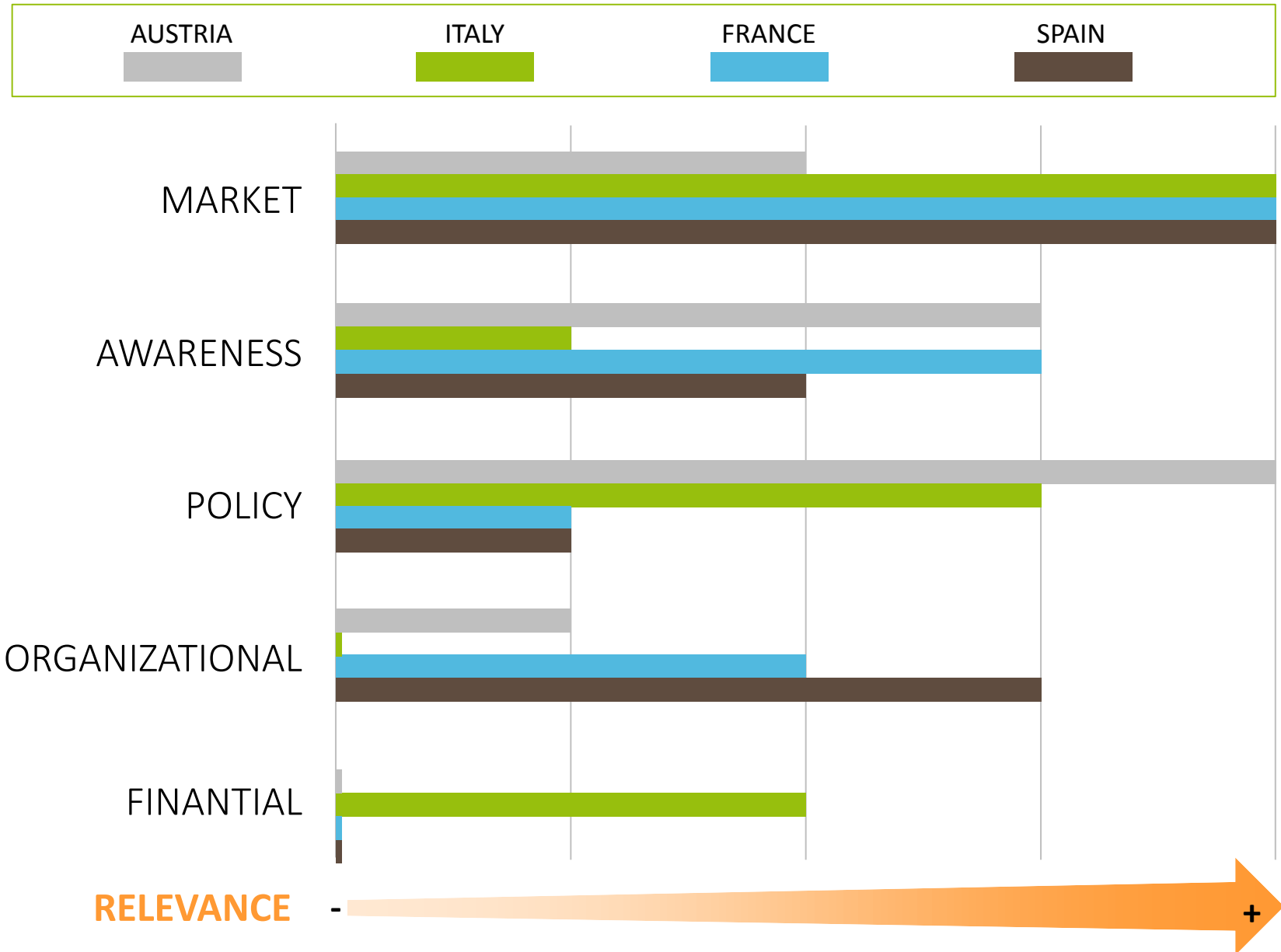
D ORGANISATIONAL ISSUES

E FINANTIAL SITUATION

SUCELLOG
CONCEPT



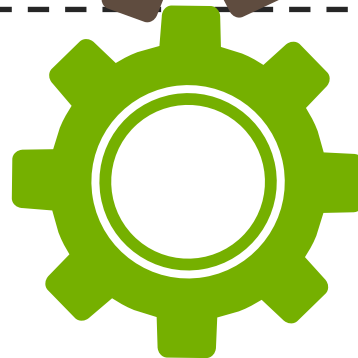
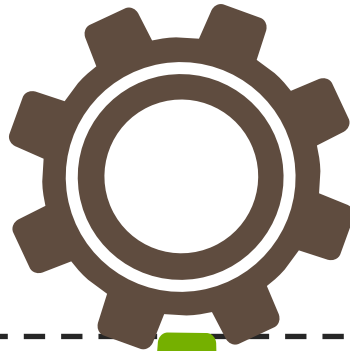
MAIN
BARRIERS



OUTPUTS

- 63 Agro-industries supported
- 38 Technicians trained from agrarian associations
- 1171 Attendants to national and regional workshops
-
-
-

IMPROVING
AGRO-INDUSTRIES
COMPETITIVENESS



CONNECTING
AGRICULTURE
AND BIOENERGY
SECTORS

→ replicability

ACTIVE PROJECTS

- AGROinLOG (H2020)
5.9 M€
- RDP (*Spain*)
78,378 €
- ADEME Fond Chaleur
(*France*) 787,450 €

REQUESTED PROJECTS

- RDP (*Italy*):
15,000 €
- ADEME Fond Chaleur
(*France*) 60,000 €

SUCELLOG
PULL EFFECT

4 ELEMENTS

1 KEY FOR THE RURAL BIO-BASED ECONOMY

Agro-industries are positioned in the rural economy

Young people eager of innovation

Support instruments already there

Problems of residue management and heat self-demand coverage



Thank you for your attention !!

Eva López

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Find out more at
www.sucellog.eu



Co-funded by the Intelligent Energy Europe
Programme of the European Union