



A Bioeconomy for Europe

Using resources from land and sea
for a post-petroleum economy

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1. EU CONTEXT



10 EC Priorities

A new boost for jobs, growth and investment

A connected digital single market

A resilient Energy Union with a forward looking climate change policy

A deeper and fairer internal market with a strengthened industrial base

A deeper and fairer EMU

A reasonable and balance free-trade agreement with the U.S.

An area of justice and fundamental rights based on mutual trust

Towards a new policy of migration

A stronger global actor

A Union of democratic change

Bioeconomy

PRINCIPLE

1

Preserve and enhance natural capital by controlling finite stocks and balancing renewable resource flows
 ReSOLVE levers: regenerate, virtualise, exchange

PRINCIPLE

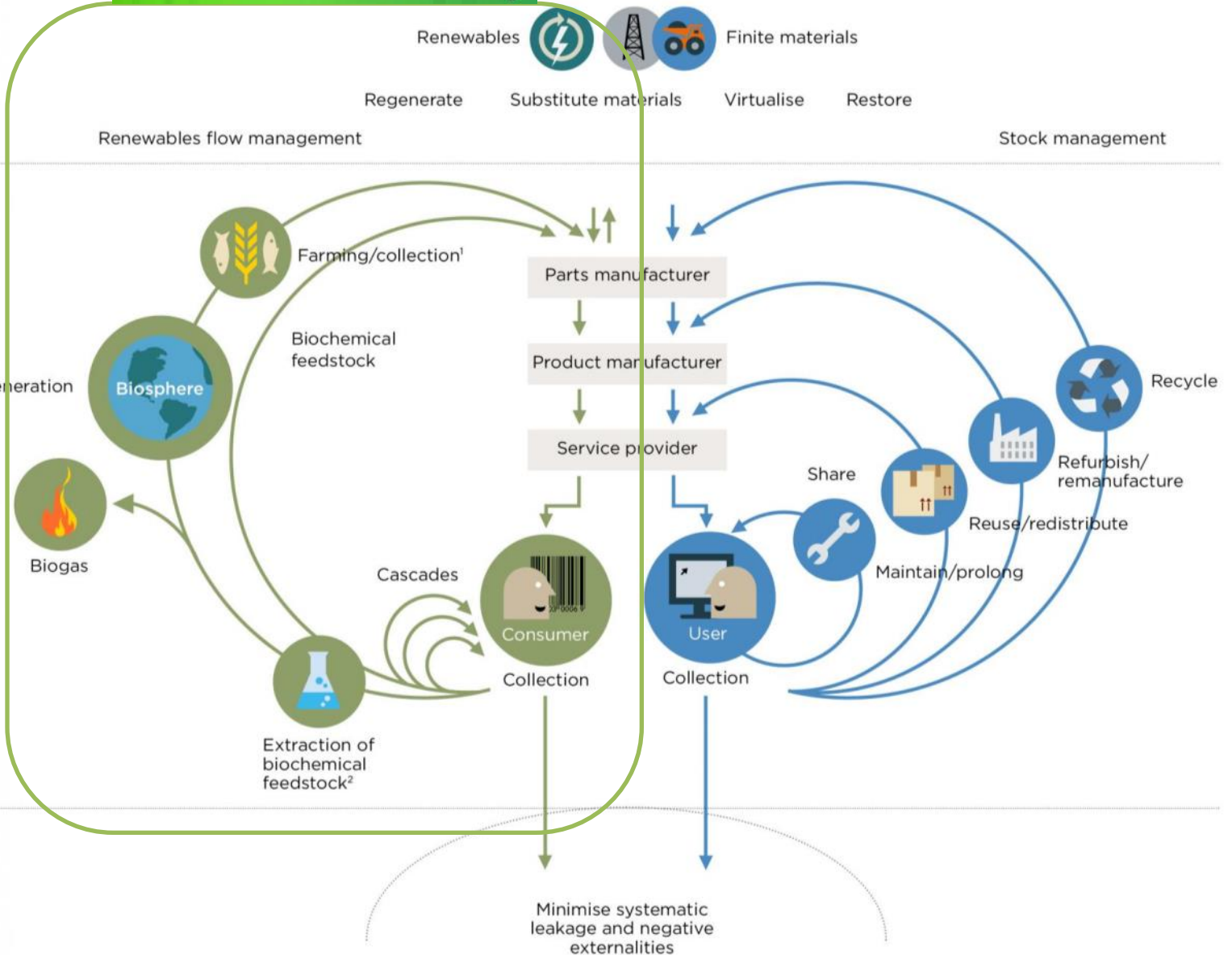
2

Optimise resource yields by circulating products, components and materials in use at the highest utility at all times in both technical and biological cycles
 ReSOLVE levers: regenerate, share, optimise, loop

PRINCIPLE

3

Foster system effectiveness by revealing and designing out negative externalities
 All ReSOLVE levers

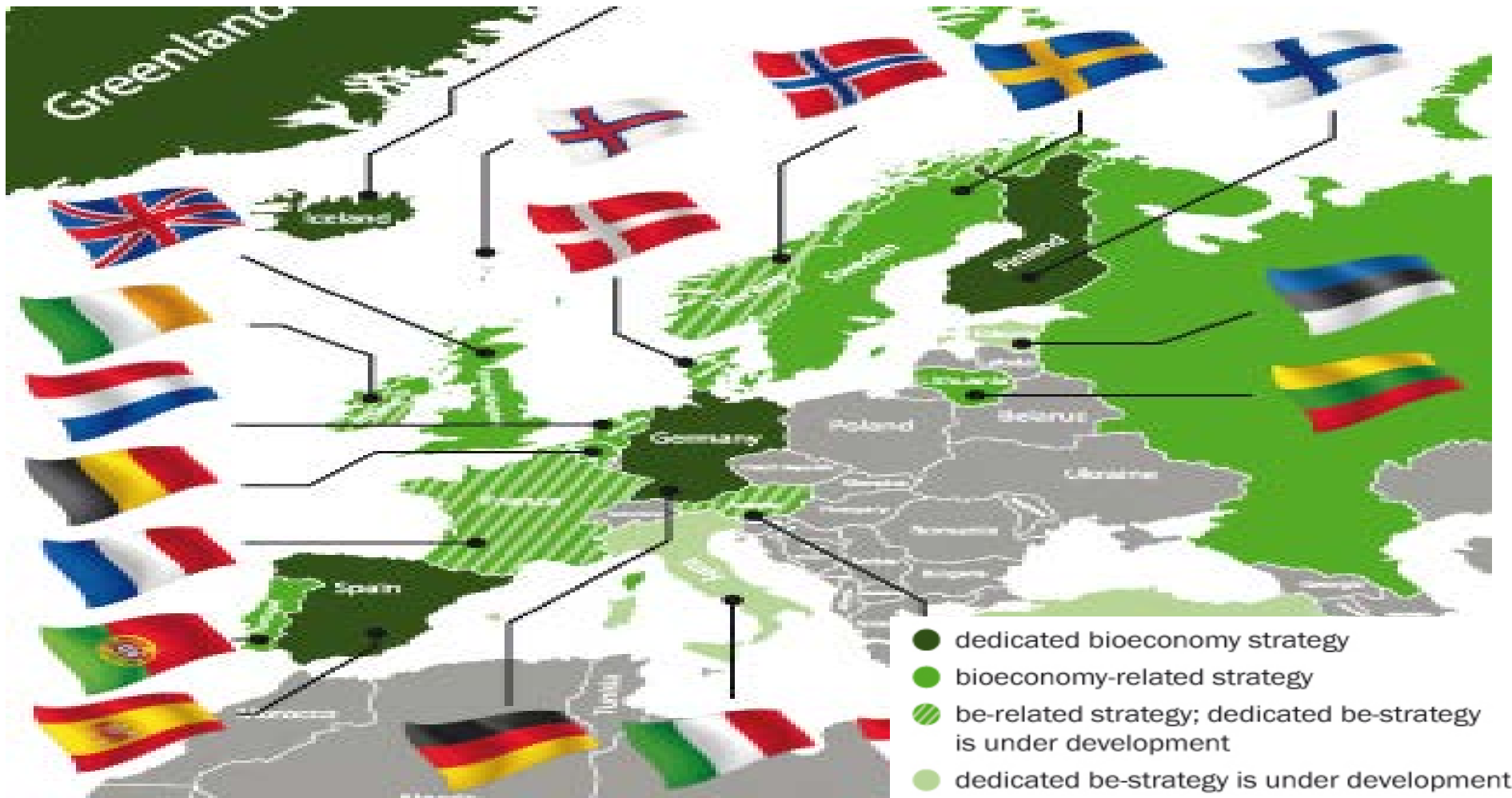


1. Hunting and fishing
 2. Can take both post-harvest and post-consumer waste as an input

Source: Ellen MacArthur Foundation, SUN, and McKinsey Center for Business and Environment; Drawing from Braungart & McDonough, Cradle to Cradle (C2C).

IN EUROPE:

Several MS have adopted **national Bioeconomy Strategies**.



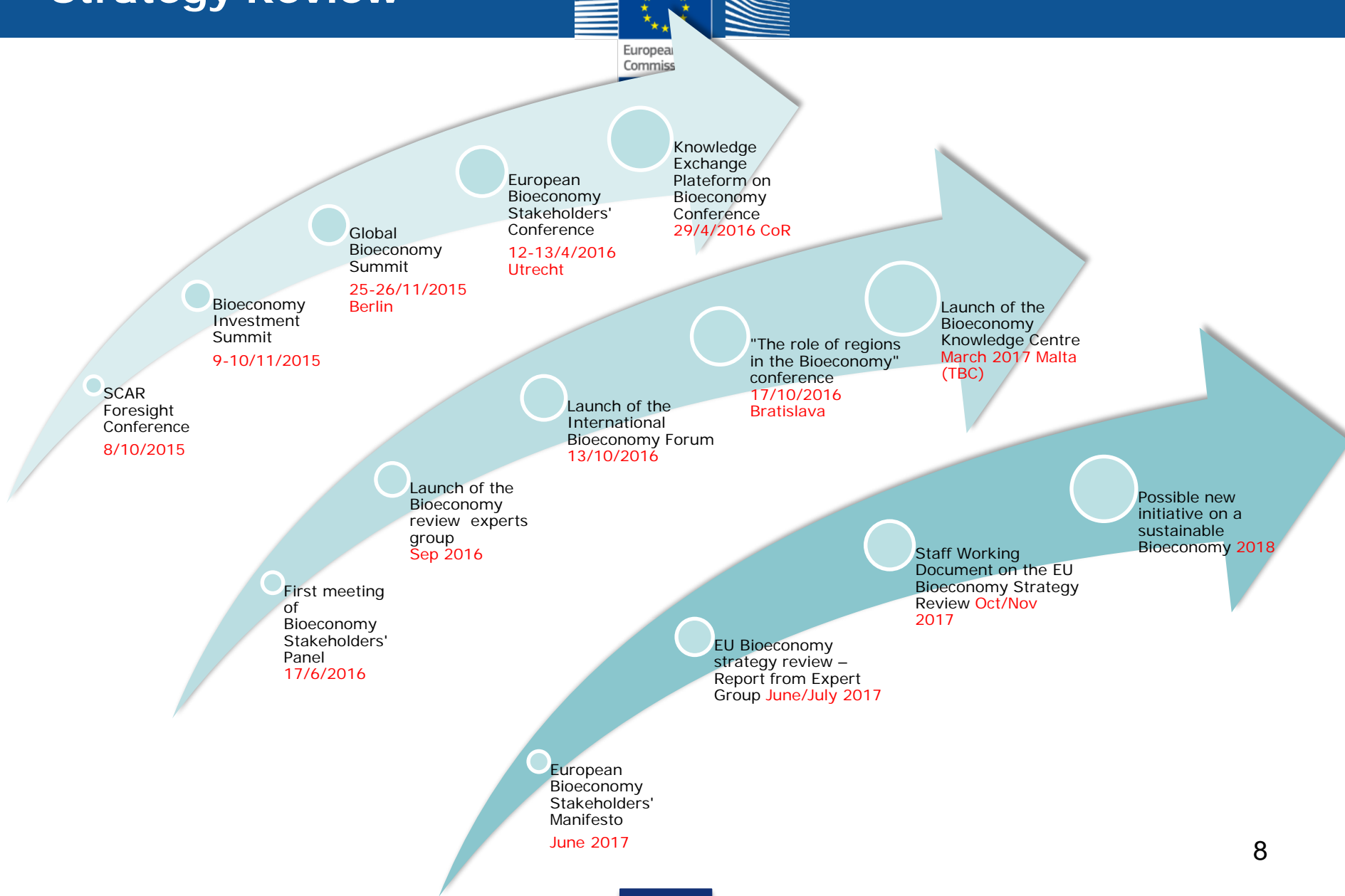
2. JOINT PROGRAMMING IN THE BIOECONOMY



IMMEDIATE PRIORITIES

- 1. The EU Bioeconomy Strategy review*
- 2. FOOD 2030 initiative*
- 3. Long term Agricultural research Strategy*
- 4. Work Programme 2018-20 and beyond*

The EU Bioeconomy Strategy Review



SCAR
Foresight
Conference
8/10/2015

Bioeconomy
Investment
Summit
9-10/11/2015

Global
Bioeconomy
Summit
25-26/11/2015
Berlin

European
Bioeconomy
Stakeholders'
Conference
12-13/4/2016
Utrecht

Knowledge
Exchange
Platform on
Bioeconomy
Conference
29/4/2016 CoR

Launch of the
International
Bioeconomy Forum
13/10/2016

"The role of regions
in the Bioeconomy"
conference
17/10/2016
Bratislava

Launch of the
Bioeconomy
Knowledge Centre
March 2017 Malta
(TBC)

Launch of the
Bioeconomy
review experts
group
Sep 2016

First meeting
of
Bioeconomy
Stakeholders'
Panel
17/6/2016

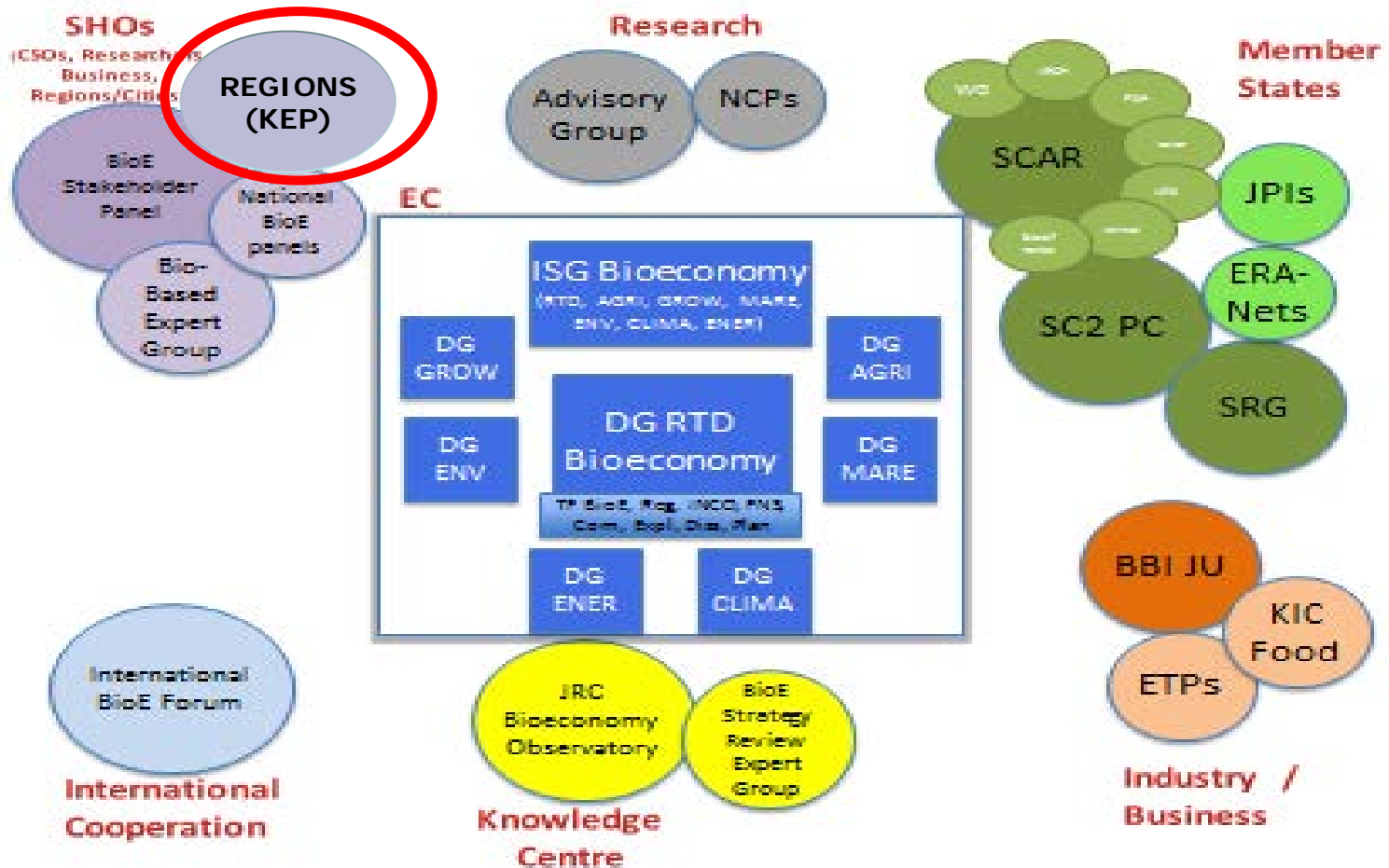
EU Bioeconomy
strategy review –
Report from Expert
Group June/July 2017

European
Bioeconomy
Stakeholders'
Manifesto
June 2017

Staff Working
Document on the EU
Bioeconomy Strategy
Review Oct/Nov
2017

Possible new
initiative on a
sustainable
Bioeconomy 2018

We count on ERA-NETs and JPIs for the review of the Bioeconomy Strategy





- 1. The background is given by SDGs, COP21, Milan EXPO and SCAR Foresight*
- 2. Discussion is launched by the 12 October 2016 conference, 16 October World FOOD day*
- 3. SCAR Strategic Working Group FOOD Systems*
- 4. Green paper on FOOD Systems*

Long term Agri Research



1. Report is published



- 1. Scoping Paper under finalization with PC*
- 2. End of 2016 start of the programme development*
- 3. First part of 2017 topics development*

3. CHALLENGES FOR JOINT PROGRAMING

NEW CRITERIA FOR BETTER IMPACT

- 1. Justification of Union intervention*
- 2. Budgetary issues and leverage effects*
- 3. Expected impacts on EU and national level*



Thank you!

- We need 2 examples for the best impact driven ERANETs**
- 22-23 November EC JP Annual Conference: registration is open!**

ORIZON 2020