



Towards green chemicals, the role of Clusters.

Timoteo de la Fuente
DG Enterprise and Industry
Workshop on cross sectorial and cross
border cooperation of clusters in the field
of green chemicals industries
27 February 2014



European Commission
Enterprise and Industry

Towards green chemicals, the role of Clusters.

EU Chemicals industry is under strong competitive pressure,

Europe needs to be re industrialised. Around green chemicals new industries can emerge,

EU Policies should be properly executed,

Clusters should play a relevant role in green chemicals and EU Reindustrialisation.

EU chemicals industry is under strong competitive pressure

Fossil raw materials are scarce and costly for the EU and so will be in the future,

Competitors rely on resources as: shale gas in US, coal in China, cheap oil in the Middle East,.....

Climate change, energy policy,..... put under pressure Energy Intensive Industries,

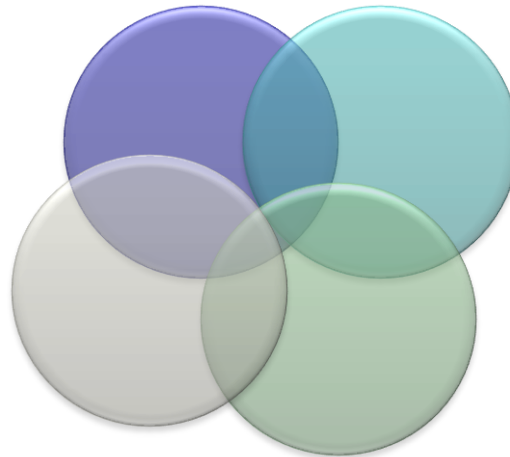
Import tariffs on bioethanol,

Subsidies cannot be prolonged forever.....

Reindustrialisation, green chemicals and new value chains

The EU needs to be reindustrialised. The 20% target for 2020 is quite ambitious,

New value chains in the field of green chemicals can contribute to decarbonisation and to reindustrialize EU regions.



It is not only to replace a product by other, or a company by other,....but to create new industries,

The EU chemicals industry will be stronger if integration is reinforced along the value chain,

Reindustrialisation, green chemicals and new value chains

*Infrastructure:
common
infrastructure,
logistics,
management of
second
generation feed
stocks,...*

*Skilled people,
testing
laboratories,
training
institutions,...*

*Proximity to
clients:
developing new
solutions such
as new specialty
chemicals, new
polymers for
new industrial
applications,...*

*Better conditions
for SMEs on
access to
finance.*

Reindustrialisation, green chemicals and new value chains

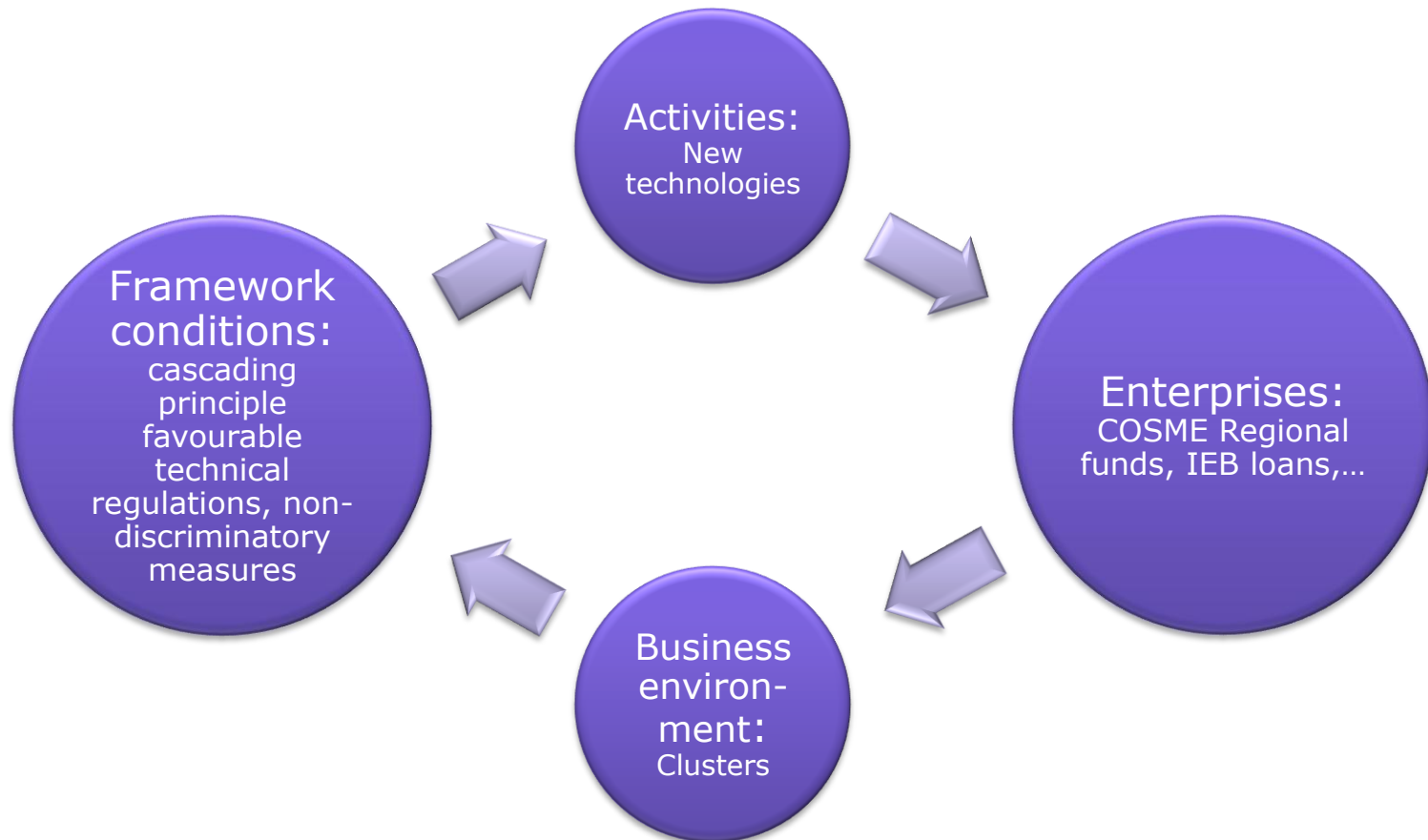
Feedstocks as organic wastes, ligno cellulose, agro and forest wastes...too precious to be burned,

New Bio refineries can attract investments and increase export potential,


To produce not only bio fuels but chemicals and better use of bio mass,

Industrial symbiosis, circular economy: process more efficient in terms of resources.

EU Policies should be properly executed (a systemic approach)



Clusters for green chemicals and EU reindustrialisation



Working to attract new emerging industries in the field of green chemicals,

Working for cross sectorial and cross border relations with other clusters,

Contributing to a structural change in the chemicals industry,

Collaborating in cooperation platforms such as the ECCP, INTERREG projects,



European
Commission

