



Ministerie van Economische Zaken,
Landbouw en Innovatie

Bio-economy in the Netherlands

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Economic Policy Perspective

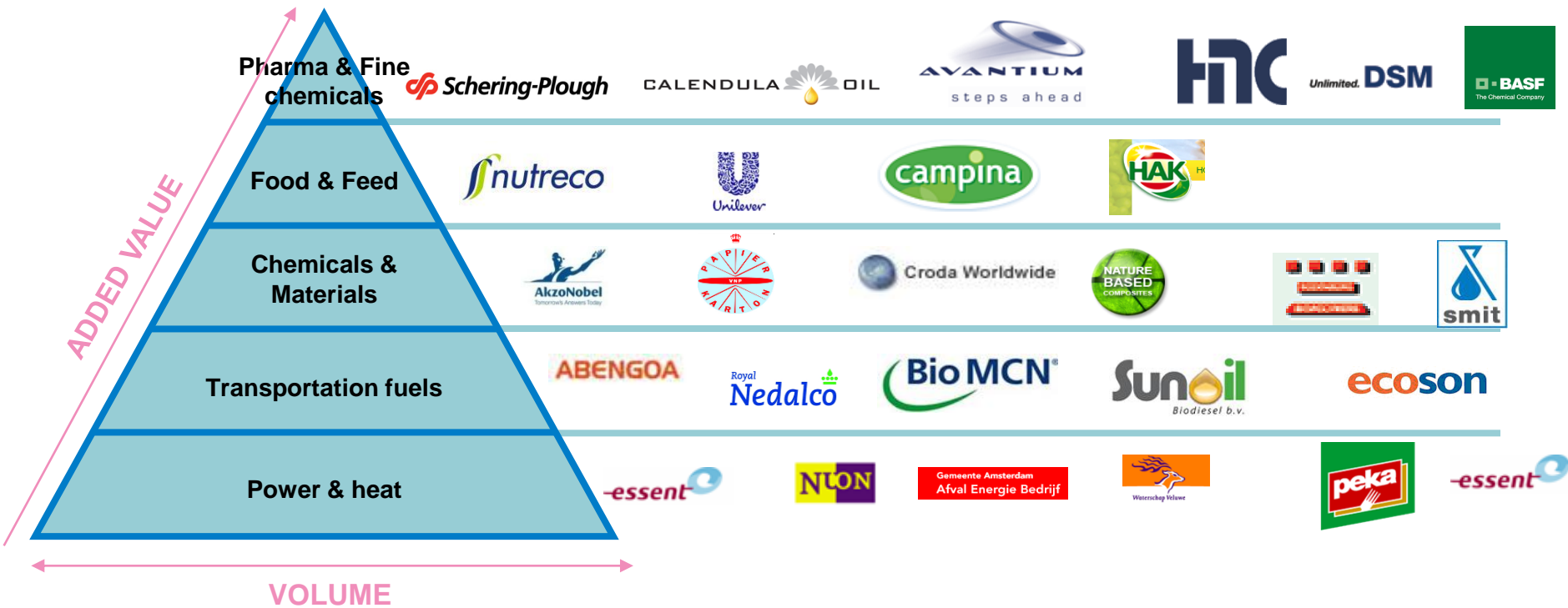
- International shift in balance of power
- Financial and sustainability crisis

New economic policy approach

- demand driven, sector oriented, integrated approach
- strengthen competitiveness of top sectors
- innovation goals
- public private partnership within 'golden triangle'

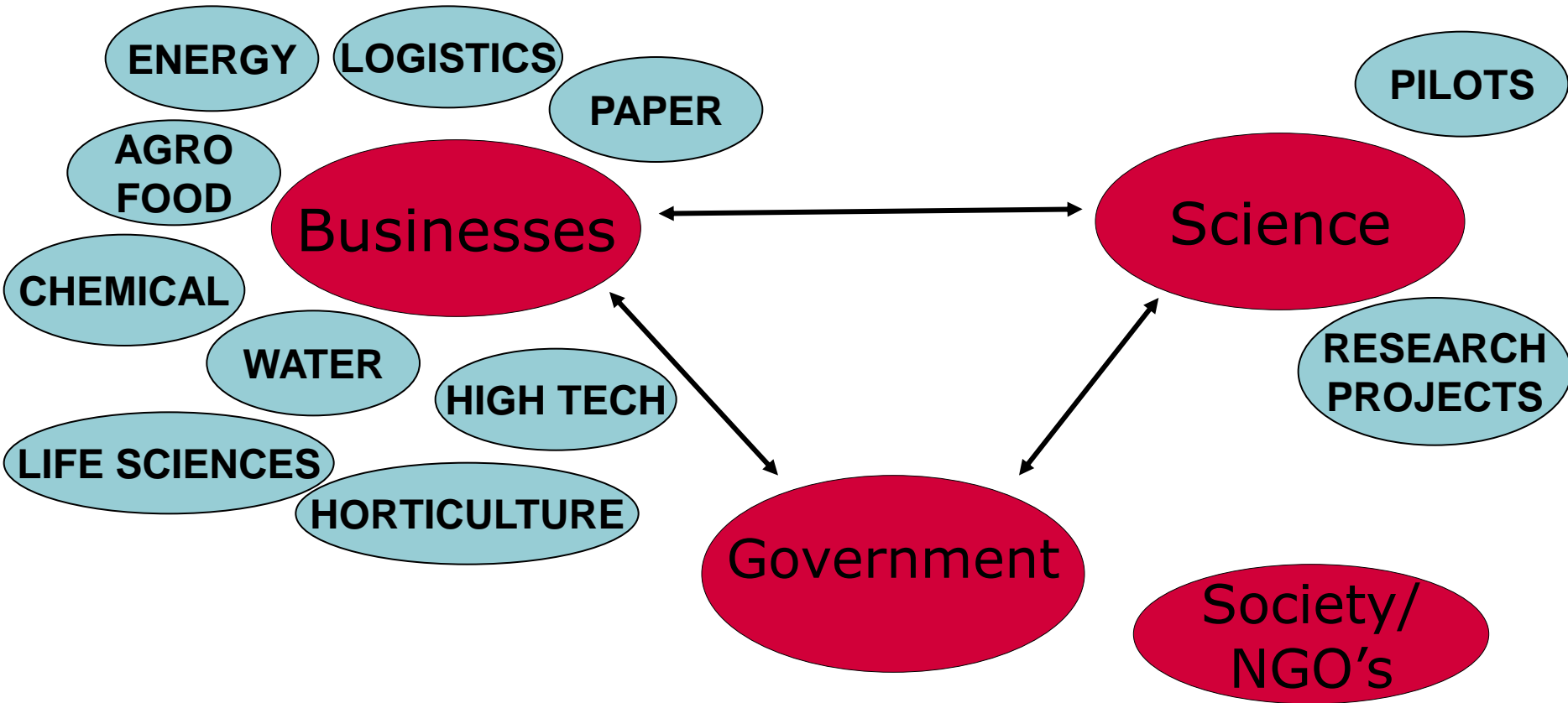


Focus on highest added value; biomass cascading





Public Private Partnership





Biobased Economy Cross-cutting Theme in Top Areas Policy

- Green chemistry, materials
- Water
- Agro-food, bio refinery
- Logistic sector
- Energy: Biofuels, Biogas
- Plant breeding, horticulture





Education and human capital

- Develop new education programs for skilled workers (HBO, MBO)
- Increase number of graduates at engineering schools (TUs and WUR)
- Promoting technological education





SME

- Goal: developing business cases, support for SME
- Loan guarantees for SME
- Connection with the DPI Value centre
- Support for innovations in regions
- Stimulating the exchange of information
- Communication: websites and publications

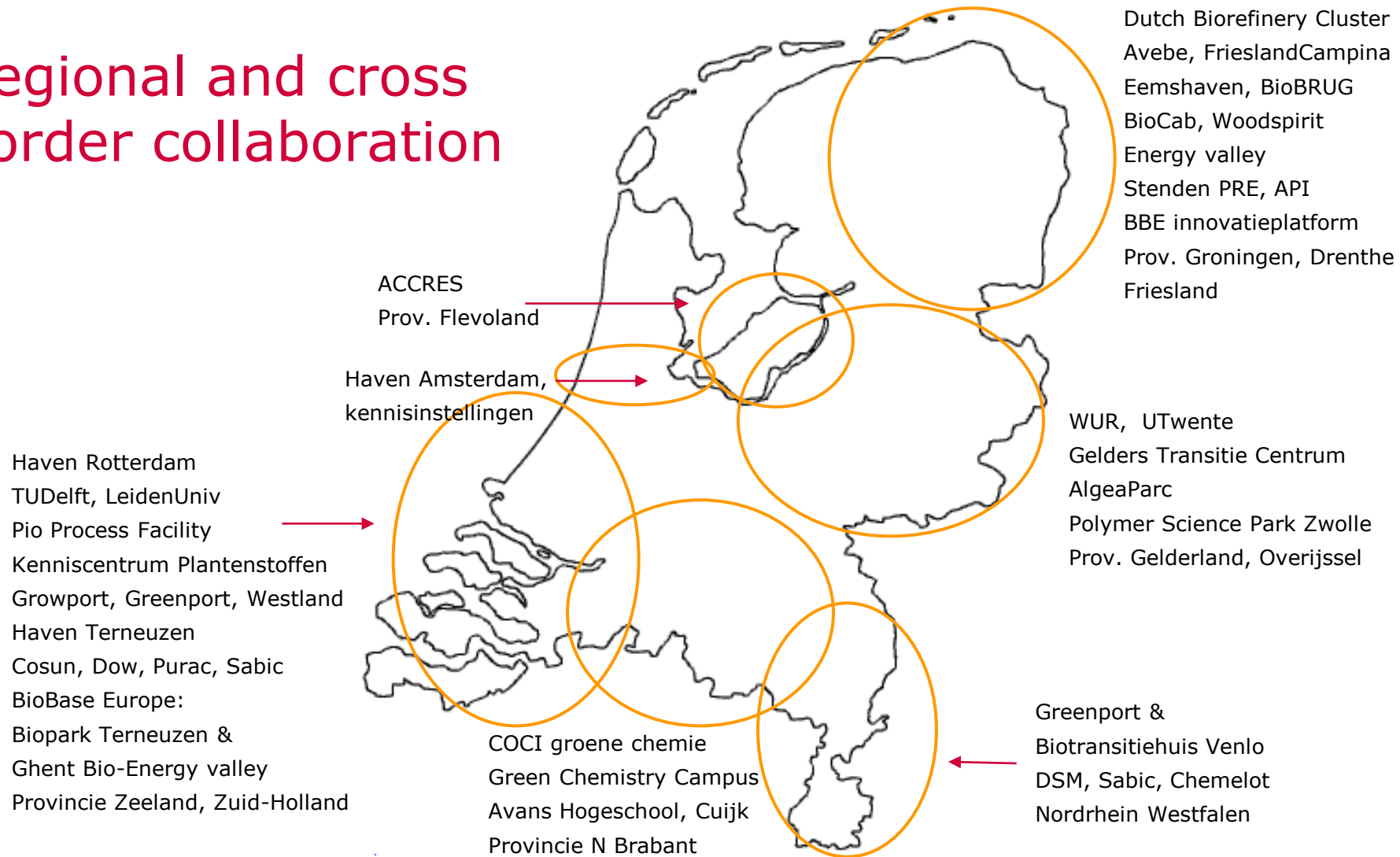


Regions

- Bottom up approach
- Own financial means
- Proposition based on strenghts (agri business, chemical industry, energy, horticulture etc.)
- Better collaboration
- Opportunities towards neighbouring countries and Europe
- Opportunities interregional collaboration



Regional and cross border collaboration





Recommendation for Flanders

- Integrated approach is important (Bio-economie Raad)
- Stimulate public private partnerships
- Set up business platforms (involve private sector, bottom up approach)
- Build a logistic hub (connect with industry cluster SW Netherlands)
- An integrated EU-strategy is required (same interests)
- Human capital agenda is important

- Cascading of feedstock
- Invest in bilateral international cooperation



What's next?

- Policy development for green (circular) economy
- Strengthening regional initiatives
- EU Horizon 2020
- Transition SME
- Human Capital Agenda BBE: education
- 2014-2015 update national innovation contract
- Strengthen international collaboration
- Standardize certification biobased products



BBE networking event

Breda, 11 december

<http://www.registratieplatform.nl/bbe2012/>