AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY

The Irish Agriculture and Food Development Authority

The 2013 Stakeholders Conference "Bioeconomy in the EU: Achievements and Directions for the Future"

Session 8

Challenges and Possible Solutions and Guidelines for the Future

Professor Gerry Boyle
Director of Teagasc

Dublin
15th February 2013

Bioeconomy: 3 Challenges & Putative Solutions Facing Publically Funded R&D Providers

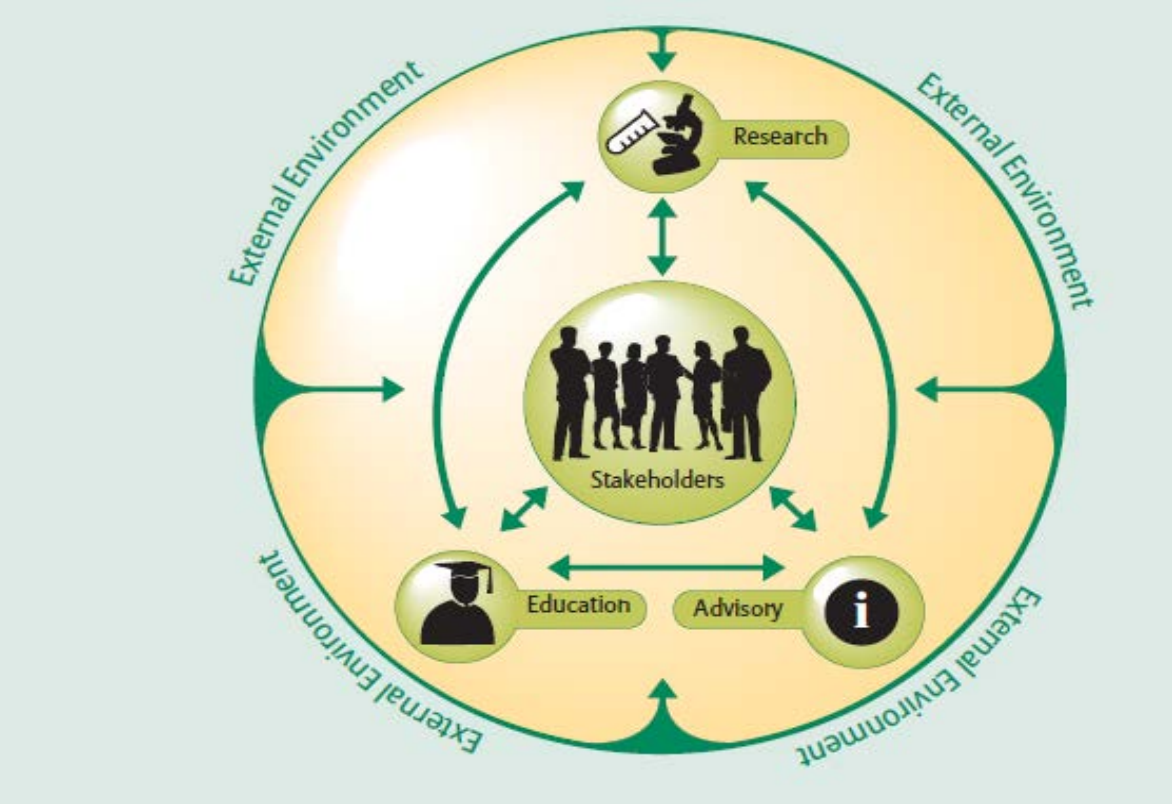
- The information and knowledge transfer gap that exists between researchers and the industry (primary and processing)
- Delineating the respective role of public and private R&D investment
- Constrained resources

“Knowledge failures” – an arresting conclusion!

“ … a major hurdle … the growing challenge of knowledge failures and that European agricultural research is currently not delivering the type of knowledge needed by end users in rural communities.” **EU SCAR (2007)**

Teagasc Model of Knowledge Delivery

Addressing the Knowledge Gap:



Transmitting technology onto farms

45,000 clients

Discussion Groups (13,000 farms)

BETTER farms (commercial)

RESEARCH Farms

FOOD
INNOVATION
GATEWAYS

Technologies for the Food Industry

Teagasc
Agriculture and Food Development Authority

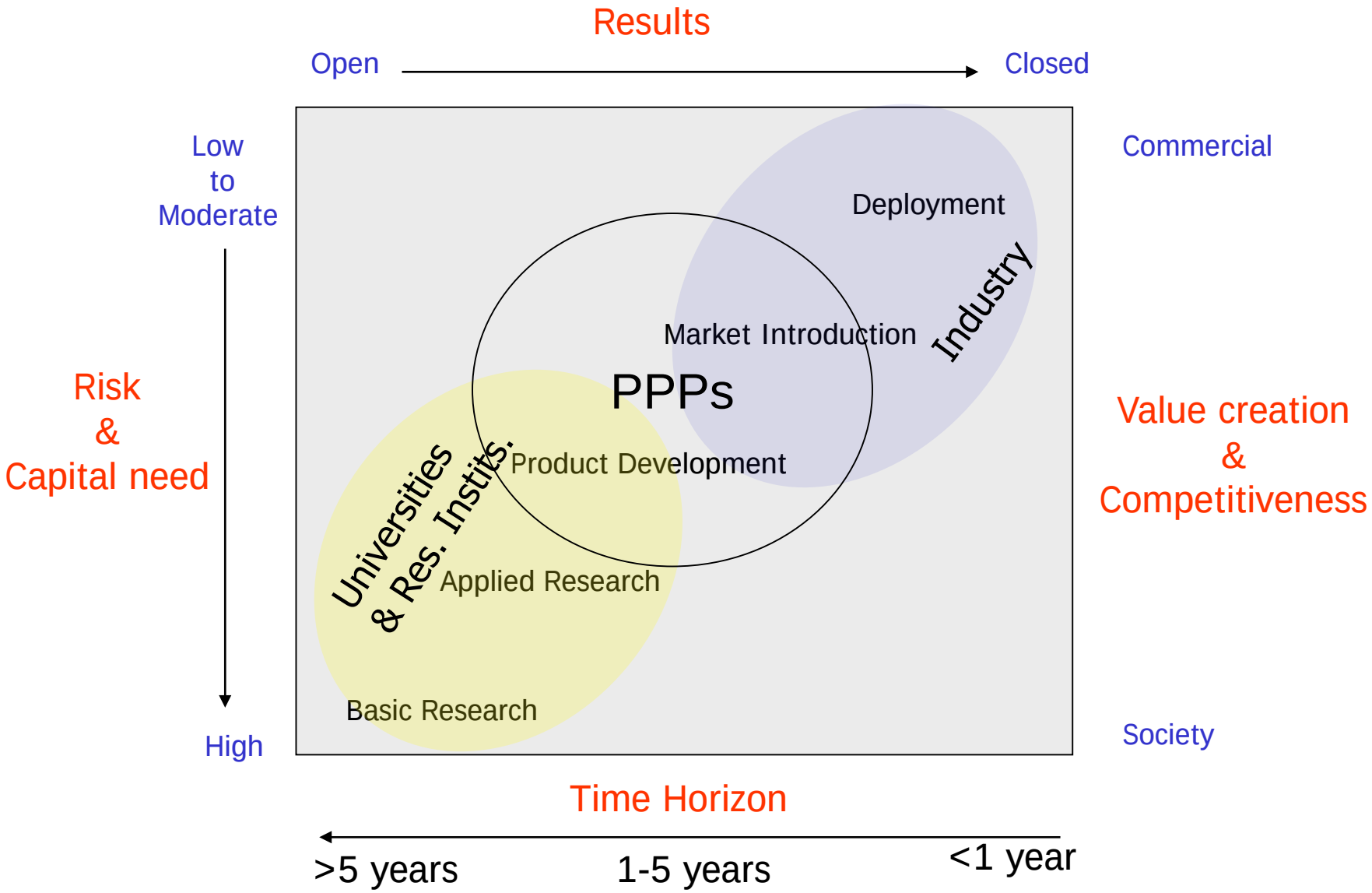
The Irish Agriculture and Food Development Authority

Technology

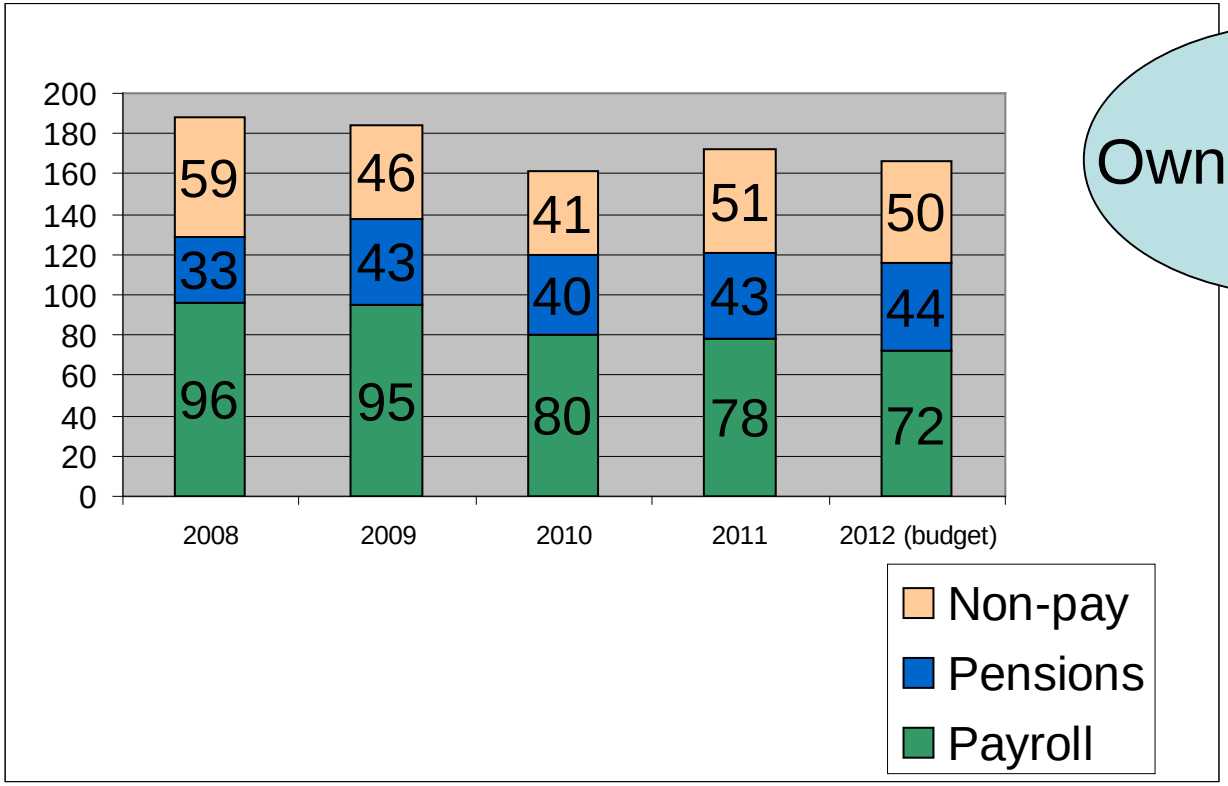
Portfolio

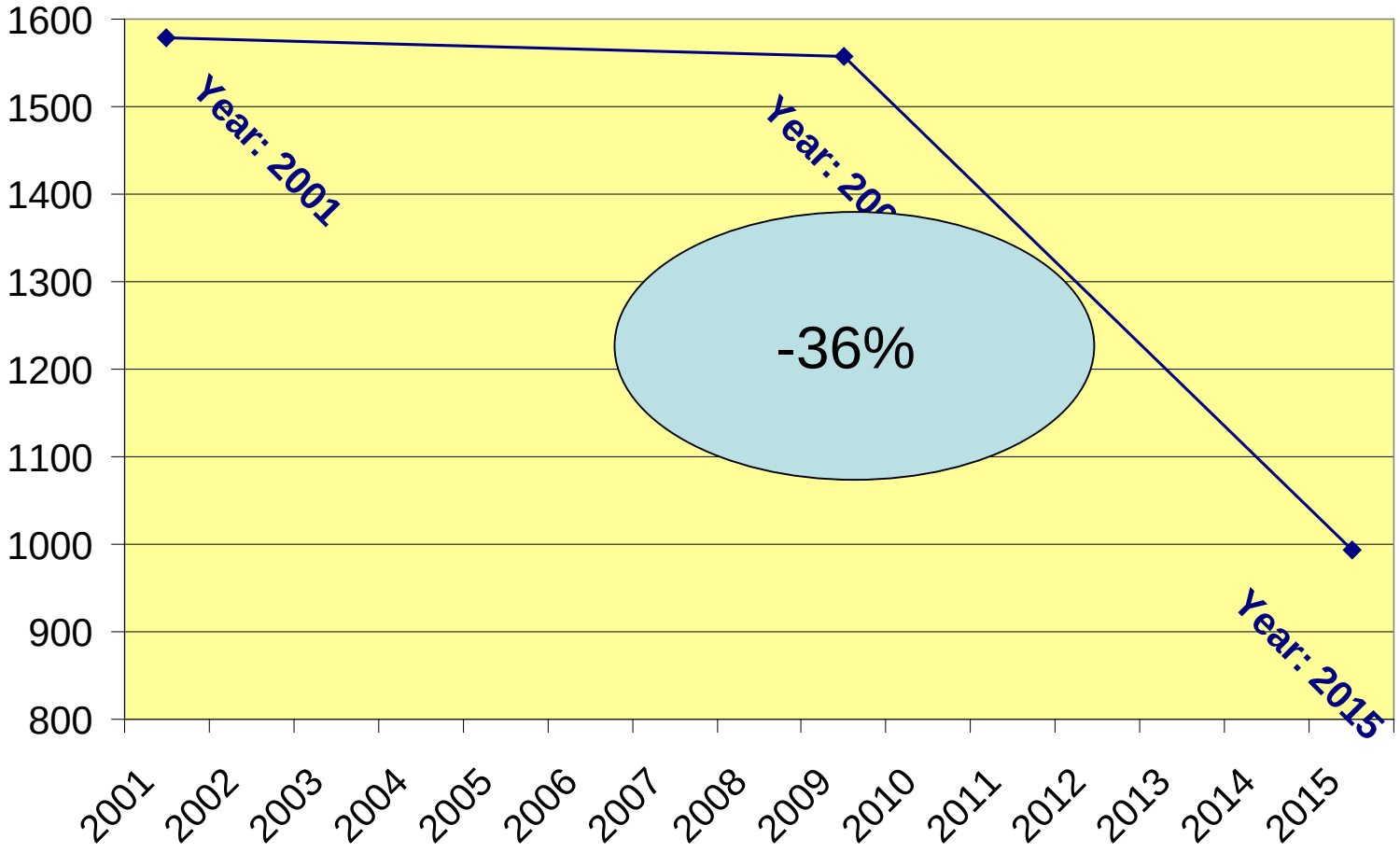
Technology for the Food Industry

- Technology OFFERS
- Technology EXPERTISE
- Technology UPDATES
- Technology SERVICES
- Technology PROFILE


Results
Open
Closed
Low
to
Moderate
Commercial
Deployment
Industry
Market Introduction
PPPs
Product Development
Universities
& Res. Instits.
Applied Research
Basic Research
Risk
&
Capital need
Value creation
&
Competitiveness
High
Society
Time Horizon
>5 years
1-5 years
<1 year

Teagasc Current Expenditure, €m., 2008-2012



Own inc.=31%

Teagasc Staff Numbers 2000 to 2015