

International activities in Synthetic Biology: an insight into the OECD approach

TESSY Implementation Workshop, Evry,
18 November 2008



How is the OECD working?



1. Global partners

30 member countries

AUSTRALIA	KOREA
AUSTRIA	LUXEMBOURG
BELGIUM	MEXICO
CANADA	NETHERLANDS
CZECH REPUBLIC	NEW ZEALAND
DENMARK	NORWAY
FINLAND	POLAND
FRANCE	PORTUGAL
GERMANY	SLOVAK REPUBLIC
GREECE	SPAIN
HUNGARY	SWEDEN
ICELAND	SWITZERLAND
IRELAND	TURKEY
ITALY	UNITED KINGDOM
JAPAN	UNITED STATES

- Countries invited to membership talks

CHILE
ESTONIA
ISRAEL
RUSSIA
SLOVENIA

- Enhanced engagement

BRAZIL
CHINA
INDIA
INDONESIA
SOUTH AFRICA

2. The OECD Biotechnology division

- A group called the Working Party on Biotechnology which put together representatives from each member countries
- This group has for goal to discuss and inform on country priorities regarding the policy issues linked to Synthetic Biology development
- This group decide which work goes forward in the division

3. What can the OECD do for helping in the development of Synthetic Biology?

- Bring **An International Perspective**
- Guide a collective **Policy Discussion** amongst its member countries



OECD Project on Synthetic Biology

1. Where we are in the project

2. On which Synthetic Biology issues could we work

3. Where do you think OECD work might be the most useful?

1. Where we are in the project

- ▶ We have identified the main policy issues (*by leaning on the Tessy Roadmap*)
- ▶ We have defined the issues on which we might bring expertise

2. Synthetic Biology issues on which we could work

- The impact on research and products development of Intellectual Property Rights in Synthetic Biology (*analytical report, case studies, policy recommendations...*)
- Business models and strategies for Synthetic Biology development (*analytical report, case studies, policy recommendations...*)

- Biosecurity governance (*best practice guidelines*)
- Infrastructures needs (policy recommendations on education policies, research funding, etc.)
- The standardisation of parts and devices (*framework, guidelines*)

- ▶ These topics will be presented to our member countries representatives Friday of this week (the Working Party on Biotechnology).

- ▶ Country representatives will discuss:
 - the topic(s) for which their countries have an interest
 - which work might go forward at the OECD

We are going to have a Symposium on the **policy and political landscape** around Synthetic Biology:

- Organised jointly with the US NAS and the UK Royal Society
- The 20-21 April 2009 in Washington DC
- Discussing what are the policy interests in Synthetic Biology and where there is a need for policy actions

3. Where do you think OECD work might be the most useful?

- Is it too soon to work on the standardisation of parts and devices?
- On which areas do you think that an international policy framework would be needed?
- Etc...

Thank you

Contact

Marie-ange.baucher@oecd.org

Web ressource:

http://www.oecd.org/document/8/0,3343,en_2649_34537_39408648_1_1_1_1,00.html