



Rijksdienst voor Ondernemend  
Nederland

# S&T in the Netherlands

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# Contents

- Introduction Holland Innovation Network
- Our goal
- Nine focus sectors
- Examples of cooperation





# Introduction of HIN (2)

## **Goal**

- Strengthening the innovation capacity of the Netherlands by stimulation knowledge intensive cooperation of Dutch companies, institutes and governments with foreign partners

And

- Strengthening the information position of these Dutch organisations about foreign developments in the field of Innovation, Technology and Science

## **Target audience**

- Knowledge intensive companies;
- Knowledge institutes, (Universities, R&D institution, etc.);
- National and regional governments.



# Introduction of HIN (3)

## **Focus**

Science (fundamental and applies), R&D, Innovation, Innovation policy, all topsectors

## **Our Services**

- Demand driven
  - Answering questions (often 1:1)
  - R&D Matchmaking (1:1, but also in the 'golden triangle')
  - Organizing and supporting innovation related missions and delegations
  - Support Dutch companies, institutes and government economic activities abroad ('Economic Diplomacy')
- Pro-active and inspiring
  - Technology scouting: short term and long term
  - Policy scouting: to reflect and inspire
  - IA Topsector conferences in the Netherland (2x per year)



# Goals of innovation policy

- ✦ Top 5 knowledge economies (2020)
- ✦ 2,5% R&D (2020)
- ✦ >500 mln. Euro innovation PPP



# Nine top sectors

Innovation is focused on the following sectors:

- Agriculture
- Chemistry
- Creative industry (gaming, media, fashion, ...)
- Energy
- High Tech System and Materials (Semicon, automotive, ...)
- Horticulture
- Life science & Health
- Logistics
- Water



# Netherlands innovation instruments

- Generic national instruments:
  - Grants;
  - fiscal instruments;
  - Credits, seed capital.
- Horizon2020 (formerly FP7): 70 bln
- Eureka/Eurostars
- Eureka clusters & JTI's: 50 mln annually
- Eurostars 18,5 mln annually
- Technology Match Making Missions
- Global network of Innovation Attachés





# Applied research centers

- Deltares: water, rivers, coast
- ECN: energy (renewable & fossil)
- MARIN: off shore
- NLR: aerospace
- TNO: a lot
- WUR: agriculture
  
- All work together with Korea



# TNO & Keimyung University

- Subject: Smart Health Care – Individualized health care program for elderly people with chronicle disease
- Based on Consolidated Medical, TNO-KMU will collaborate to develop “individualized lifestyle advice”, that contains patient’s self-empowerment, behavior change coaching, personalized diagnosis, food-based therapies.
- MoU was signed during visit of PM Rutte, 28 Sept



## Why NL? (2)

- **High ranking in all innovation indices**
- **Open innovation**
- **Creative/out-of-the-box thinking**
- **Not in competition with Korea**



# Why NL? (1)

- **11 universities in the top 200**
- **Among leaders in various fields (9 top sectors)**
  - Agro/food and Nutritions
  - Horticulture
  - High Tech System and Materials (Semicon. Equipment, aeronautics, automotive, etc.)
  - Chemistry
  - Life science & Health
  - Creative industry
  - Logistics
  - Water
- **High percentage of EU-project proposal success**
  - Companies and institutes are experienced
  - RVO actively assists in project proposal review BEFORE submission
  - Netherlands is a net earner in EU innovation budget (5% of investment and 8.1% return rate)
  - NL received 3.4 billion EURO (약 한화 4조 5천억원) for FP7 funding



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