

***Knowledge Transfer: the Dutch policy
experience***

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Presentation

1. The development of Knowledge Transfer policy in the Netherlands
2. Current and future policy developments in the field of Knowledge Transfer in the Netherlands
3. The influence of European policy on Knowledge Transfer in the Netherlands

1. The development of Knowledge Transfer policy in the Netherlands

Overview universities, S&T based faculties and Technology Transfer Offices

The Dutch situation

- 9 generale universities, 8 academic medical centres, 3 technical universities
- 12 Public funded Research Institutes
- 54 Science and Technology based faculties
- approximately 45.000 f.t.e. in research
- scientific output 50.000 publications/ year
- approximately 160 patent applications/ year
- 15 Technology Transfer Offices with 45 f.t.e.
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- 5 to 10 start-up's per university per year

Development policy focus the last 10 years

From:

till 2000

Development policy promoting research and research collaboration

2000-2006

Development of policy on specific elements
Knowledge Transfer (e.g. IPR and start-up's)

2006-current

Development of specific Knowledge Transfer
policy

Period 2000-2006

Development of policy on specific elements
Knowledge Transfer

Key developments:

- Policy-vision on the use of IPR from universities (2001)
- Policy-initiative Technopartner, promoting startup's (2003)
- Participation EU-project CERT-TTT-M (2006)

Period 2006-current

Development of specific Knowledge Transfer policy

Key developments:

- Policy-vision on KT by the Dutch Innovation Council (2007)
- KT-agenda between government, public research organizations and industry (December 3rd, 2008)

KT policy-vision by the Dutch Innovation Council (2006-2007)

The development of Knowledge Transfer policy-vision by the Dutch Innovation Council:

- Process
- Outcome: signing of the 'Verzilveren-declaration' by all major stakeholders (public research organizations and industry) on March 15th, 2007

KT policy by the Dutch government with the Dutch Innovation Council (2007- current)

The development of a Dutch Knowledge Transfer policy framework:

- Process: transformation vision in to concrete actions
- Outcome: the development and signing of the KT-agenda by government, public research organizations and industry on December 3rd, 2008

2. Current and future policy developments in the field of Knowledge Transfer in the Netherlands

Current and future policy developments

- Starting point: KT policy-vision Dutch Innovation Council
- Addressing identified problems and possible solutions in the development of the Dutch KT policy framework
- Setting KT-targets for 2016
- Focus on the specific role of each stakeholder, including formulating actions

Core of the KT Policy Framework

- Joint responsibility stakeholders
(government, universities/public research organisations, industry)
- Joint effort
- KT-Facilities

KT Facilities

- Technology/Knowledge Transfer Offices
- Seed-fund
- Entrepreneurship-education
- IP-fund
- Incubators
- Proof-of-concept Fund
- Knowledge Portal
- KT Training
- ...

Ownership/responsibility depends on the type
KT facility

Knowledge Transfer Agenda (December 3rd)

KT Agenda is the translation of KT policy framework

KT Agenda is signed by government, representatives of universities, public research organizations and industry.

The KT agenda includes:

- joint vision to approach KT
- concrete actions by each stakeholder
- Joint KT targets for all stakeholders

Current and future policy developments

Public research organizations:

- Integral KT-policy within organization
- Development of KT-facilities
- Collaborations with industry
- KT integral part of Research assessment
- Professionalization KT functionality through training staff
- IPR-policy
- Metrics

Current and future policy developments

Industry:

- Co-development of KT-facilities
- Collaborations with public research organizations
- Professionalization KT functionality through training staff

Current and future policy developments

Government:

- Investment in KT-facilities
- Development of KT-metrics
- Professionalization KT through training

**3. The influence of European policy on Knowledge
Transfer in the Netherlands**

Influence EC policy on KT in the Netherlands

The impact of EC-policy on KT can be differentiated on several levels:

1. Direct KT-policy versus indirect KT-policy
2. Influence on policy versus practice

Influence EC policy on KT in the Netherlands

The impact of EC-policy on KT can be differentiated on several levels:

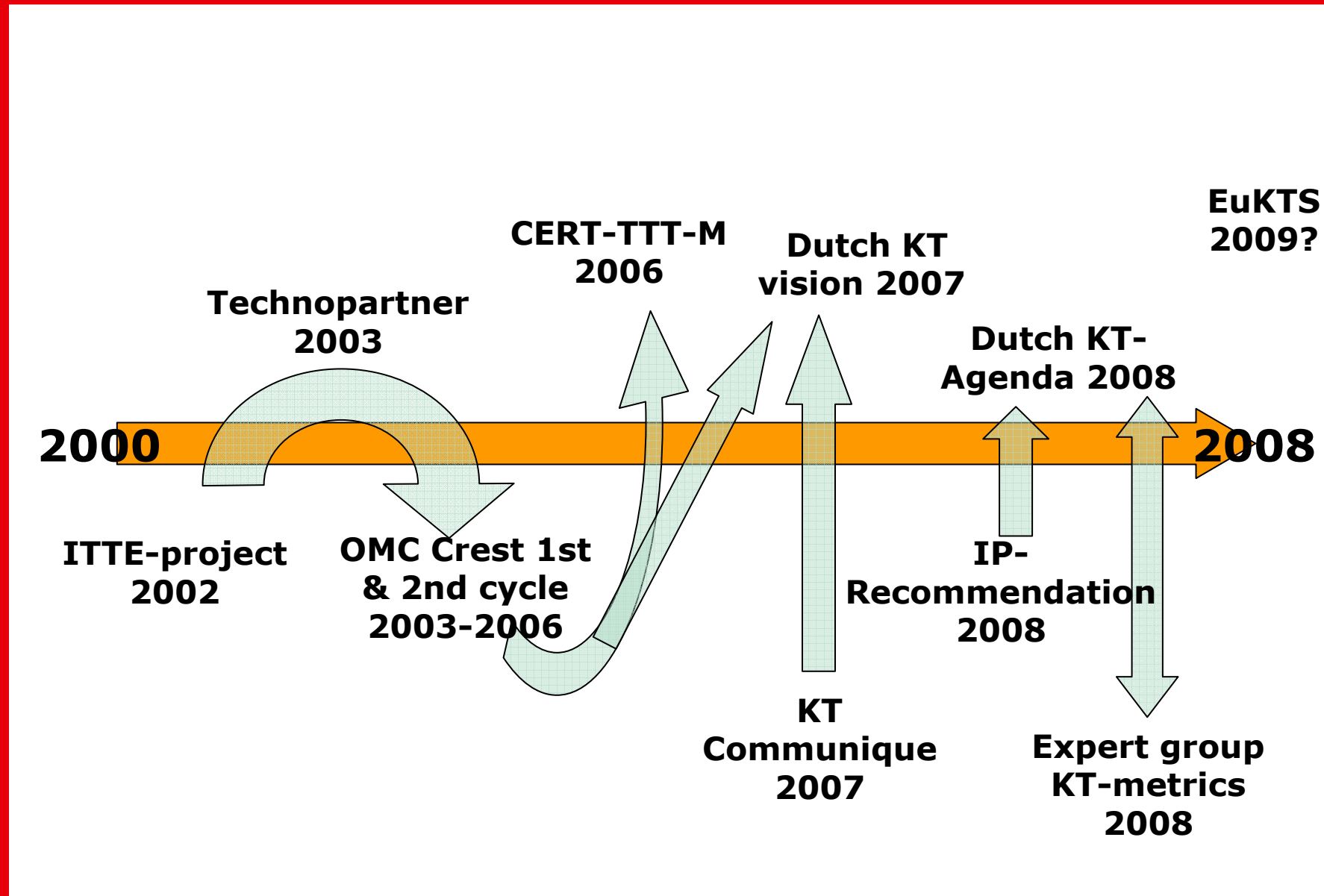
- *Direct KT-policy:*
OMC-Crest, EU-project CERT-TTT-M, Communiqué KT, IPR-charter, Expert group KT-Metrics
- *Indirect KT-policy:*
State Aide Framework, Research Framework programme (FP6/FP7)

Influence EC policy on KT in the Netherlands

The impact of direct KT policy (OMC-Crest, EU-project CERT-TTT-M, Communiqué KT, IPR-charter, Expert group KT-Metrics) on:

- *KT-policy in the Netherlands:*
- *the Dutch practice:*

Knowledge Transfer Policy in the - Netherlands



Knowledge Transfer Policy in the – Netherlands

Thank you very much for your attention!

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