

Nye muligheter i kommende utlysninger

Tor E. Johnsen
Nanomedisin, 12.12.2007

EUs 7. Rammeprogram (2007-2013)

– de fire særprogrammene

SAMARBEID (Cooperation) – transnasjonalt FoU-samarbeid

IDEER (Ideas) – grensesprengende grunnforskning

MENNESKER (People) – forskerutdanning, forskermobilitet

KAPASITET (Capacities) – utvikling og bruk av FoU-systemet

Fordeling av budsjett i EUs Syvende rammeprogram for perioden 2007 – 2013

Cooperation

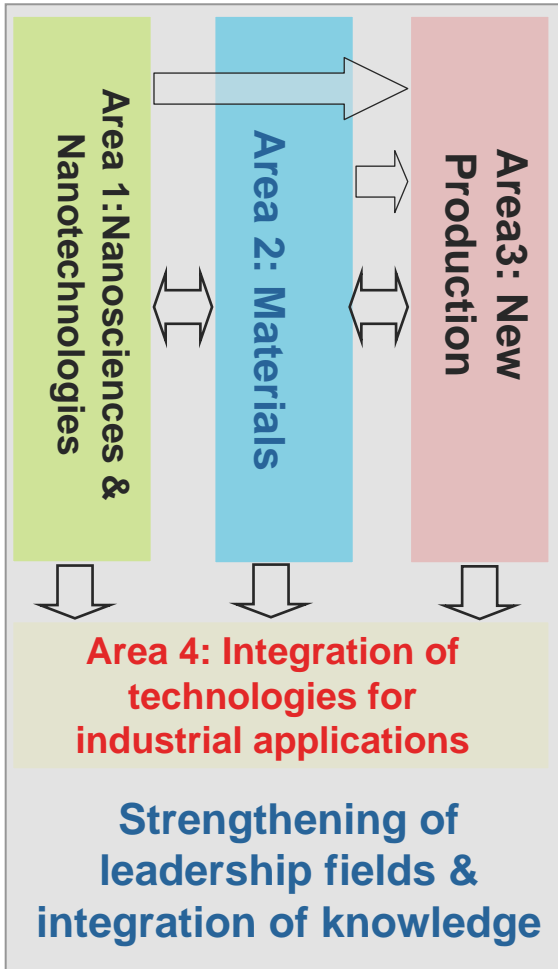
(Tall i mill. euro)

SI budsjett

	SI budsjett
2013	32.292
1) Health	6.050
2) Food, Agriculture and Biotechnology	1.935
3) Information and Communication Technologies	9.110
4) Nanosciences, Nanotechnologies, Materials and new Production Technologies	3.500
5) Energy	2.300
6) Environment (including Climate Change)	1.900
7) Transport (including Aeronautics)	4.180
8) Socio-economic Sciences and the Humanities	610
9) Security	1.350
10) Space	1.430
II - Ideas	7.460
III - People	4.727
IV - Capacities	4.291
Research Infrastructures	1.850
Research for the benefit of SMEs	1.336
Regions of Knowledge	126
Research Potential	558
Science in Society	370
Activities of International Co-operation	185
Non-nuclear actions of the Joint Research Centre (JRC)	1.751
TOTAL	50.521

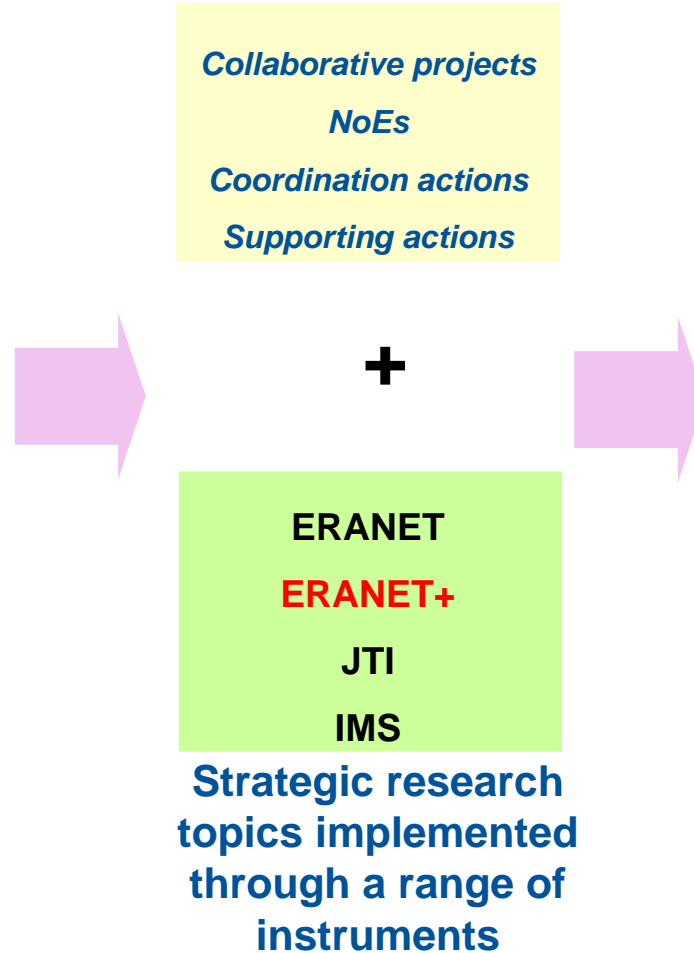
Forskjellige virkemidler: Eksempel fra NMP

STRUCTURE

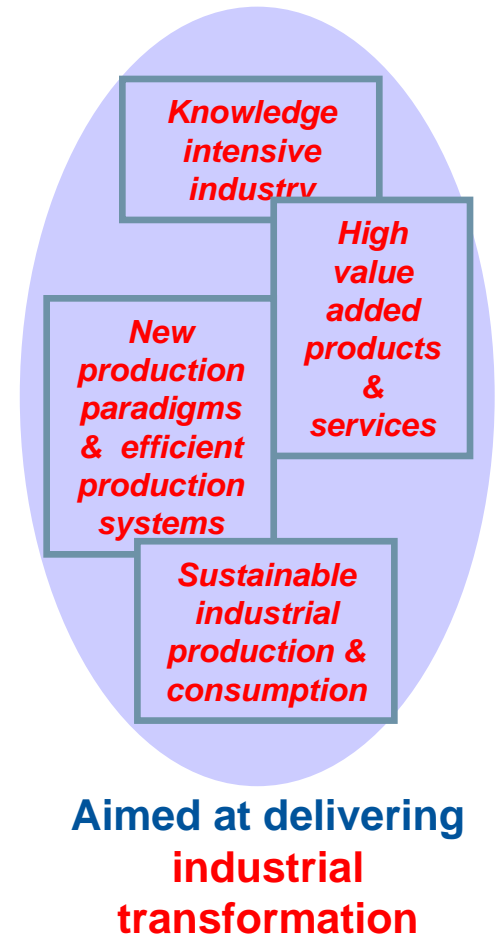


FUNDING SCHEMES

Virkemidler



DELIVERABLES



Neste sjanse innen Nanomedisin

<p><u>NMP-2008-2.3-1</u> CP</p>	<p>Advanced implants and bioactive materials for critical organs</p>
<p><u>NMP-2008-3.5-1</u> CP</p>	<p>Volume production process chains for high throughput micro-manufacturing</p>
<p><u>NMP-2008-4.0-1</u> Large CP</p>	<p>Development of nanotechnology-based systems for diagnosis and/or therapy for diabetes, musculo-skeletal or inflammatory diseases (in coordination with Theme HEALTH)</p>
<p>HEALTH-2007-1.4.4 Large CP 2nd call</p>	<p>Development of emerging gene therapy tools and technologies for clinical application</p>
<p><u>NMP-2008-4.0-13</u> ERA-NET</p>	<p>ERA-NET on nanomedicine</p>

NB: Many more activities in the [Health theme](#) are relevant to nanomedicine, e.g. imaging, stem cells and translating research for human health

4.2.3	Novel material and bio-inspired materials	(1 topic)
--------------	--	------------------

4.2.3-1 Advanced implants and bioactive materials for critical organs - SM

The specific challenges for the different critical organs require diversified approaches in the case of cardiovascular, pancreatic and liver therapies. Research on heart implants and devices should focus on bioactive materials able to attract local cells to the site of injury and on new biomimetic materials for cardiac tissue and vascular replacement

...the active participation of industrial partners represents an added value ...

Projects are expected to enhance the competitiveness of the biomaterials industry.

4.3.5 Exploitation of the convergence of technologies (1 topics)

4.3.5-1 Volume production process chains for high throughput micro-manufacturing - SMEs

SME

The proposed work must significantly extend the range of microfabrication process capabilities by encompassing a wider range of materials and geometric forms and by defining processes and related process chains that can satisfy the specific functional and technical requirements of new emerging multi-material micro-products in sectors such as telecommunications, medical/surgical, ...

The objective is the development of integrated processes for micro-production and finishing that combine innovative processes enabling performing manufacturing capabilities for emerging micro-products with high market impact to be demonstrated.

At least 35% of the requested EC contribution should be allocated to the participating SMEs.

4.4.0-1 Development of nanotechnology-based systems for diagnosis and/or therapy for diabetes, musculo-skeletal or inflammatory diseases - LA

Within the objective of reinforcing the competitiveness of European industry addressing healthcare, proposals are called for with the aim of developing nanotechnology-based systems for diagnosis and/or therapy for diabetes, musculo-skeletal or inflammatory diseases..

... should address the combination of diagnosis and therapy (theranostics) in multi purpose systems.

the active participation of industrial partners represents an added value to the activities and this will be reflected in the evaluation.

4.4.0-13 ERANET on Nanomedicine

The ERANET on nanomedicine aims at stepping up the coordination of research programmes in this promising and fast growing field. A step towards this aim is identifying RTD priorities in view of implementing joint initiatives, including joint calls with a clear focus on the interdisciplinary nature of nanomedicine as well as on the added value deriving from the cooperation at EU level.

Kun programeiere kan søke (NFR)

Denne utlysningen innen NMP

– første frist 6. mars 2008

- To trinns prosess
 - 10 siders utkast 6. mars 2008
 - Ja/nei april 2008
 - Frist for trinn 2 i august/september 2008
 - Evaluering ferdig oktober/november 2008
 - Forhandlinger okt/nov 08 – jan 09
 - Prosjektstart Januar 2009?
- Era-Net søknadsfrist medio august (1-trinn)
- OBS mye tid til interne forhandlinger i konsortiet!

Neste utlysning Health:

Offentliggjøring av arbeidsprogram til våren og frist til sommeren

Kontaktpersoner Health

NCP: Monica Holthe

22037498, mho@rcn.no

Programkom.: Mari Nes

22037153, man@rcn.no

Programkom.: M. Engelstad, HOD

Maiken.Engelstad@hod.dep.no

Nanoelectronics

<p>NMP-2008-2.2-1 Large CP</p>	<p>Compound semiconductors for electronics and photonics</p>
<p>ICT-2007.8.0 CP, CSA</p>	<p>FET (Future and Emerging Technologies) Open</p>

Other Topics

<p>NMP-2008-4.1.2-2 CP</p>	<p>Nanotechnologies for water treatment (NMP-ENV joint call)</p>
<p>ENV.2008.3.1.1.2 CP</p>	
<p>NMP-2008-4.0-6 Large CP</p>	<p>Sustainable new products and markets through bioproduction of green forest-based chemicals and materials</p>
<p>NMP-2008-3.2-3 CSA</p>	<p>Coordination and Support for inter-regional manufacturing communities following IMS strategy update</p>
<p>NMP-2008-4.0-15 ERA-NET</p>	<p>ERA-NET on implementing micro- and nano-manufacturing technologies within Member States industry</p>

Please consider also the opportunities in LIFE+ calls managed by DG ENV
<http://ec.europa.eu/environment/life/funding/life3/index.htm>

Human Resources

FP7-PEOPLE-IAPP-2008	Marie Curie Industry-Academia Partnerships and Pathways <i>(all research areas)</i>
FP7-PEOPLE-2007-2-3-COFUND	Marie Curie Co-funding of Regional, National, and International Programmes <i>(all research areas)</i>

Please consider also the opportunities in [educational programmes](http://ec.europa.eu/education/programmes/programmes_en.html) managed by DG EAC http://ec.europa.eu/education/programmes/programmes_en.html



Ideas – European Research Council

ERC-2008-AdG_20080228	ERC Advanced Investigator Grants <i>(Physical Sciences & Engineering)</i>
ERC-2008-AdG_20080422	ERC Advanced Investigator Grants <i>(Life Sciences)</i>

Infrastructures & SMEs



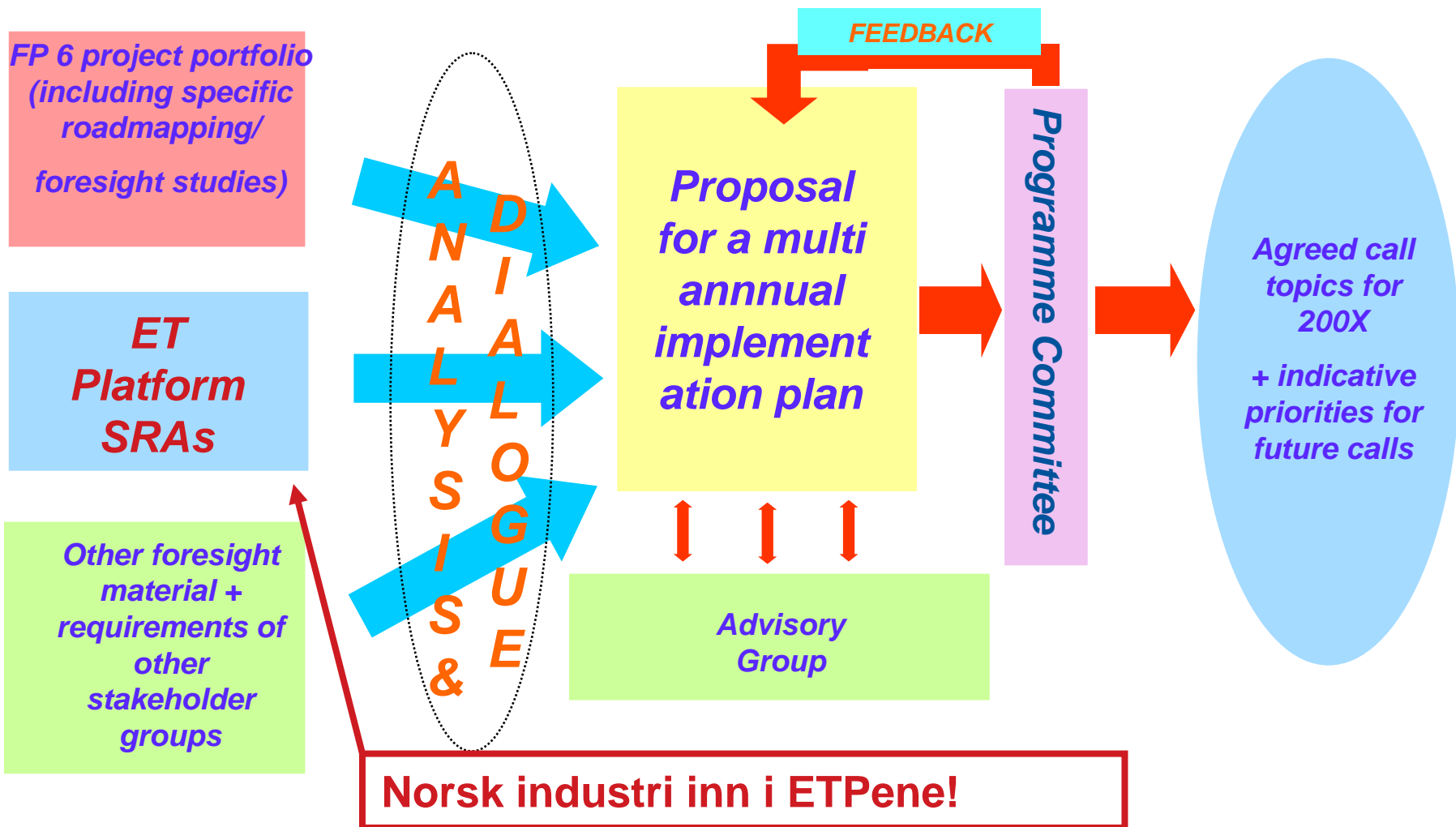
INFRA-2008-1.1.2	Research Infrastructures: <i>Integrating Activities to support the specific needs of thematic priority areas</i>
FP7-SME-2008-1	Research for the benefit of SMEs

IDEAS

The Scientific Council of the European Research Council

- Støtter frontforskning – interdisiplinær forskning for 'individual teams'
- Et europeisk forskningsråd (ERC) med Scientific Council opprettet
- 20 peer review panels utnevnt, f. eks.:
 - **LS5 Evolutionary, population and environmental biology:** Evolution, adaptation, population biology, biodiversity, ecotoxicology, marine biology, radiation biology, environmental risks, environmental medicine.
- Utkast til arbeidsprogram 2007 publisert
 - i 1. call: **Starting Independant Researcher Grant** - budsjett 300 M €
- **Kommende utlysning snart:**
 - **Advanced Investigator Research Grant scheme**
 - **SJEKK:** erc.europa.eu

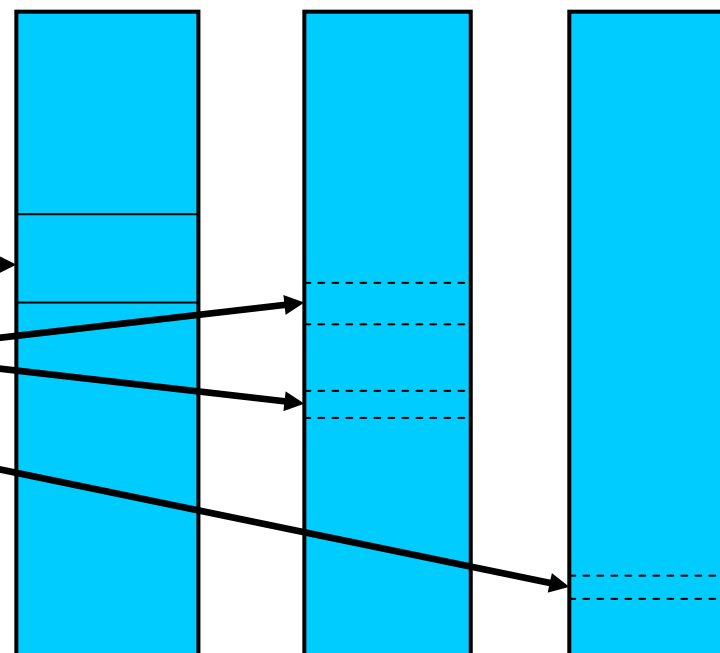
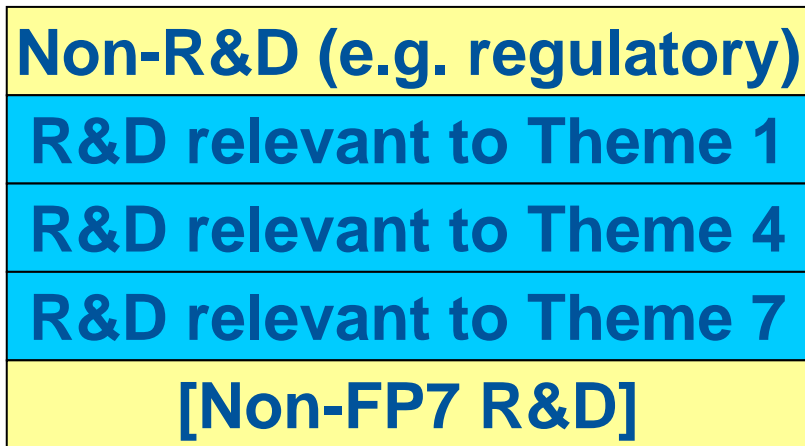
Rollen til teknologiplattformene:



ETPenes effekt på 7. rammeprogram

SP Themes: 1 4 7

SRAs:



☞ Coverage: “Full” “Broad” “Limited”

NMP: For 2007 var >75% av utlyste temaer spilt inn fra ETP

Takk for oppmerksomheten!
Lykke til!

<http://www.forskningsradet.no/EU>
<http://cordis.europa.eu/en/home.html>