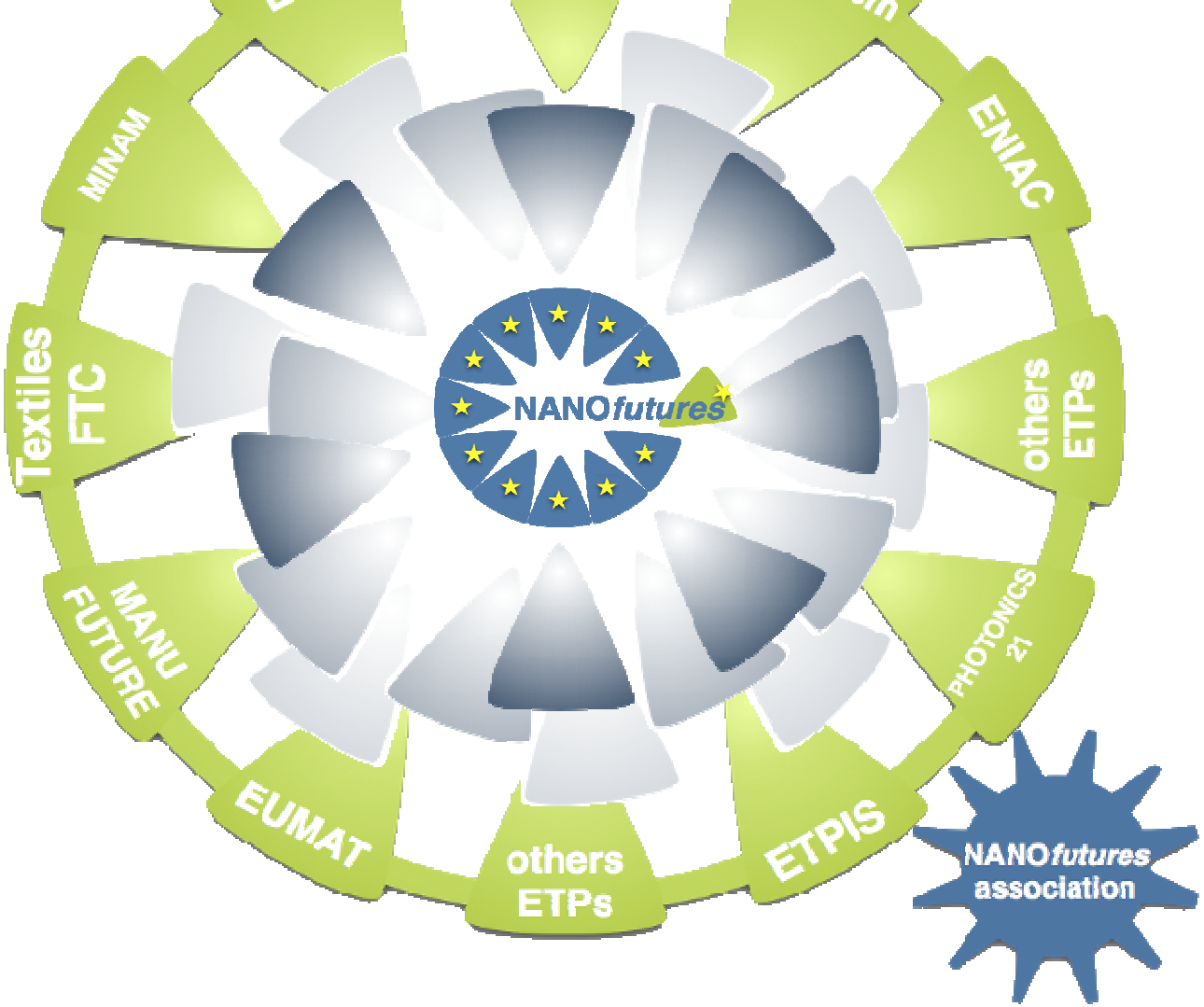


NANO*futures* Initiative Overview

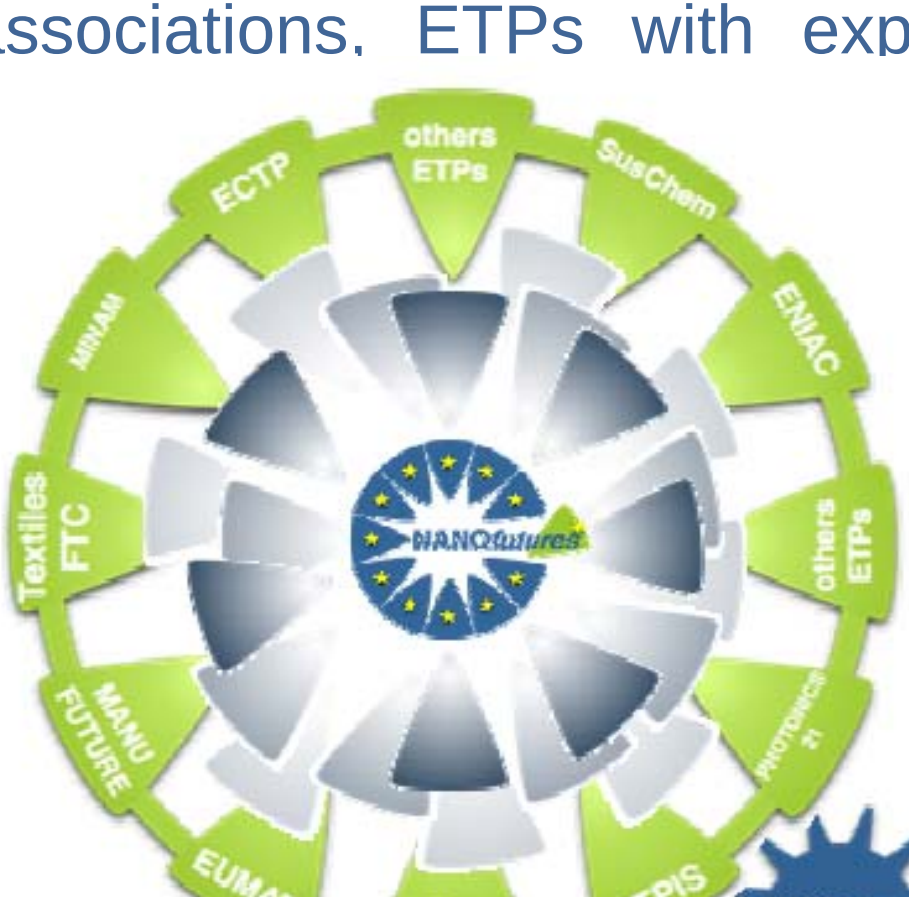
April 2

NANO*futures* initiative

he NANO*futures* platform would become a **European multi-sectorial**, **cr**
TP, **integrating platform** with the objective of connecting and establis
ooperation and representation of all relevant Technology Platforms
quire nanotechnologies in their industrial sector and products.

ANO*futures* and its operative branch NANO*futures* association will act a
lano-Hub" by linking JTIs, associations, ETPs with expert groups i
ollaborative environment.

NANO*futures*' Networking



NANO*futures* integrating role

ANO*futures* at its base will be **open to industry, SMEs, NGOs, finan stitutions, research institutions, universities and civil society with volvement from Member States at national and regional level**.

will be an environment where all these different entities would be abl teract and come out with a **shared vision on nanotechnology futures**.

ANO*futures* **collaborate with the ETPs** on the basis of a Memorandu nderstanding.

NANO*futures*' integrating role

NANO*futures* Approach

ANO*futures* **will identify the key nodes in strategic nano-activities** **evelop strategies to address nanotechnology challenges** with an i ectorial approach.

his will be achieved by a **close interaction** between **horizontal work roups**, which will address cross-sectorial horizontal issues, and **secto roup representatives** (i.e. ETP representatives).

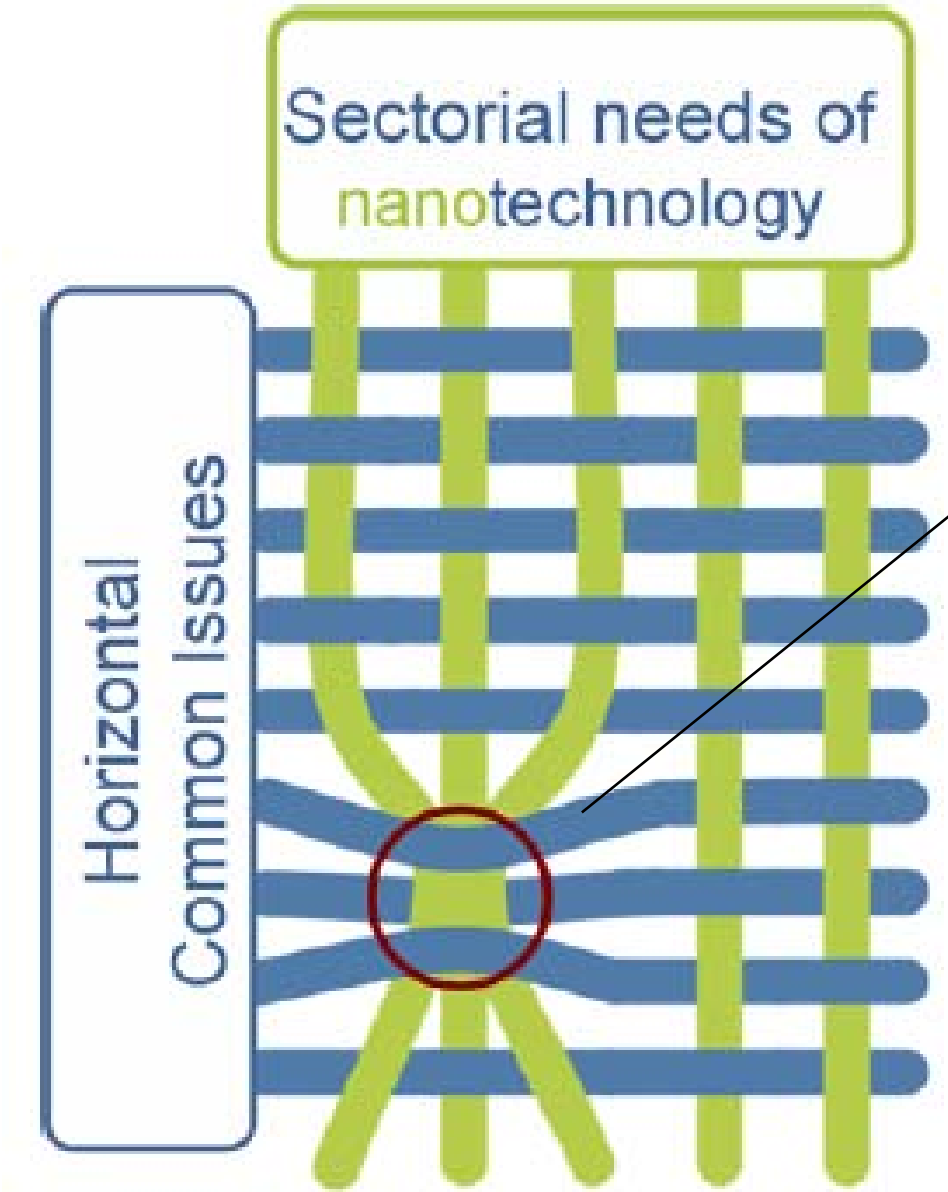
ANO*futures* **horizontal working groups** are:

- RESEARCH / TECHNOLOGY
- INDUSTRIALIZATION/ nano-MANUFACTURING
- COMMUNICATION
- SAFETY RESEARCH
- INDUSTRIAL SAFETY STRATEGY
- INDUSTRIAL NANOSAFETY STRATEGY GROUP
- STANDARDIZATION
- REGULATION
- TECHNOLOGY TRANSFER and INNOVATION FINANCING
- NETWORKING

NANOfutures Approach

ETP needs (e.g. SUSCHEM , MANUFUTURE, PHOTONICS 21, EUMAT, FTC, MINAM etc.)

ontal Working Groups
ANOSAFETY,
DARDISATION,
ULATION etc.)



KEY NODES:

Nanotechnology nodes re to several sectors an different horizontal issu

(e.g. analytical tools, relate standardisation, research technology, safety issues a different industry sectors su Textile, Chemicals and Mat Energy, Health and Biomed

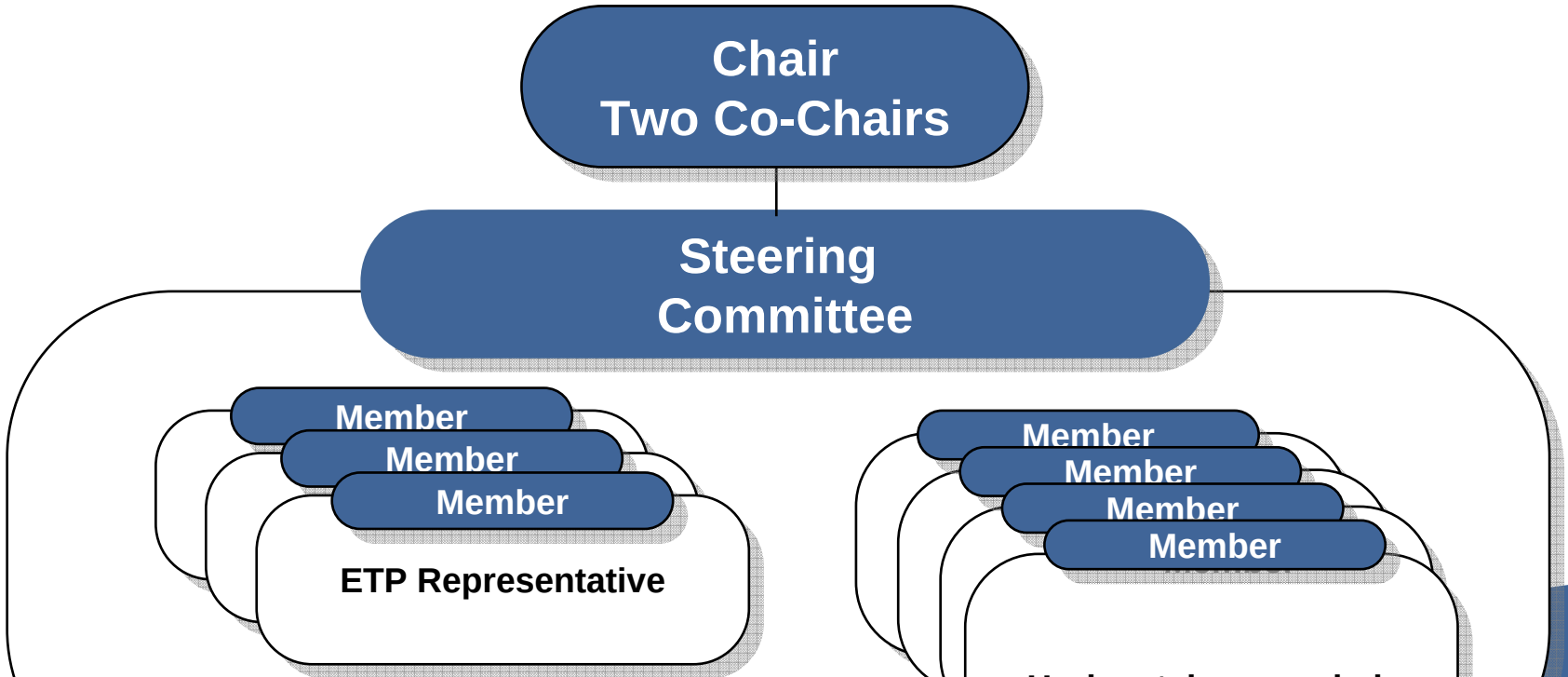
0 ETPs signed the Memorandum of Understanding, in order to declare
upport to NANO*futures*. These ETPs are representative of several indus
ectors:

- Textiles (FTC);
- Nanomedicine (NANOMEDICINE);
- Chemistry (SusChem);
- Construction (ECTP);
- Nanoelectronics (ENIAC);
- Nanomanufacturing (MINAM and MANUFUTURE);
- Transportation (ERTRAC);
- Advanced engineering materials and technologies (EUMAT);
- Photonics (PHOTONICS21);
- Industrial Safety (ETPIS).

NANO*futures* Organization

NANO*futures* **Steering Committee** (SC) has been formed the 14/01/2010 by:

- **Chair**: Prof Matteazzi (MBN Nanomaterialia, chair of MINAM)
- Two **co-chairs**: Peter Krüger (BAYER); Prof. Costas Kiparissides (CERTH)
- **ETP representatives**, officially appointed by the ETPs;
- **Horizontal working groups chairs**.
- *Invited participants*: nanotechnology CSAs (NanoCom, ProNano, observatoryNANO, Nano2Market)



NANO*futures* Steering Committee				
WG Chairs			ETP Representatives	
Name	WG	Affiliation	Name	ETP
Gergely Anna	*REGULATION*	NfA	Affenzeller Josef	*ERTRAC*
Gommel Udo	*RESEARCH/TECHNOLOGY*	NfA	Baldi Livio	*ENIAC*
Gonzalez David	*NETWORKING*	PROD	Beyer Eckhard	*PHOTONICS21*
Hatto Peter	*STANDARDISATION*	NfA	Frejafon Emeric	*ETPIS*
Kiparissides Costas	*SKILLS AND EDUCATION*	NfA	Gravalos Moreno Javier	*ECTP*
Krüger Peter	*INDUSTRIAL SAFETY STRATEGY*	Bayer	Junai Arun	*MANUFUTURE*
Lambertini Vito	*INDUSTRIALISATION/NANOMANU FACTURING*	NfA	Lange Sebastian	*NANOMEDICINE*
Reinhardt Andrea	*COMMUNICATION*	NfA	Matteazzi Paolo	*MINAM*
Zangani Donato	*TECHNOLOGY TRANSFER AND INNOVATION FINANCING*	DAPP	Pullini Daniele	*EUMAT*
			Lutz Walter	*FTC*
Robert Aitken	*SAFETY RESEARCH*	NfA	Spork Ger	*SUSCHEM*

NANO*futures* CSA

14° **January 2010: NANOfutures Steering Committee** approved the presentation of a **proposal** of **CSA 2010-4-5**.

NANO*futures* CSA is under negotiation.

2 Years and 1M fundings to support the organisation of meetings, website, dissemination material etc.

Consortium:

- **Scientific Coordinator**: **NANO*futures* Association**
- Administrative Coordinator: D'Appolonia

Support of

- **4 CSAs** (ProNano, NanoCom, Nano2Market, observatoryNANO)
- **10 ETPs**

through NANO*futures* Steering Committee and active participation to WGs, development of dissemination materials etc.

the Scene:

is of documentation from ETPs,
search, collection of data from
SAs, ERA-NET etc.

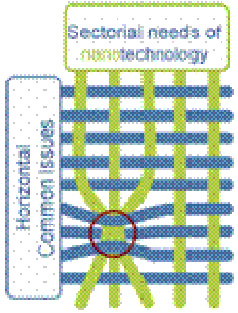
from Horizontal Working Groups

cation of perceived priorities in
he following areas:

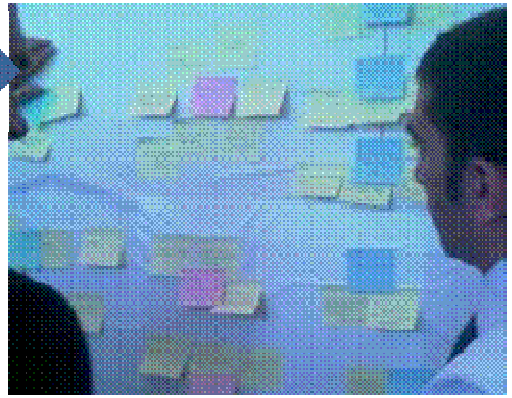
- ESEARCH / TECHNOLOGY
- DUSTRIALIZATION/ nano-
- ANUFACTURING
- OMMUNICATION
- AFETY RESEARCH
- DUSTRIAL SAFETY STRATEGY
- TANDARDIZATION
- EGULATION
- ECHNOLOGY TRANSFER and
- NOVATION FINANCING
- ETWORKING
- KILLS AND EDUCATION

Identification of n potential nodes

Cross-check and short list of potential key nodes



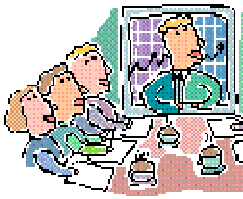
Clustering of inputs



Review and Approval by Steering Committee

Final list of key nodes

Inventive Ses
Different Work
on each key
open to NANO
participan

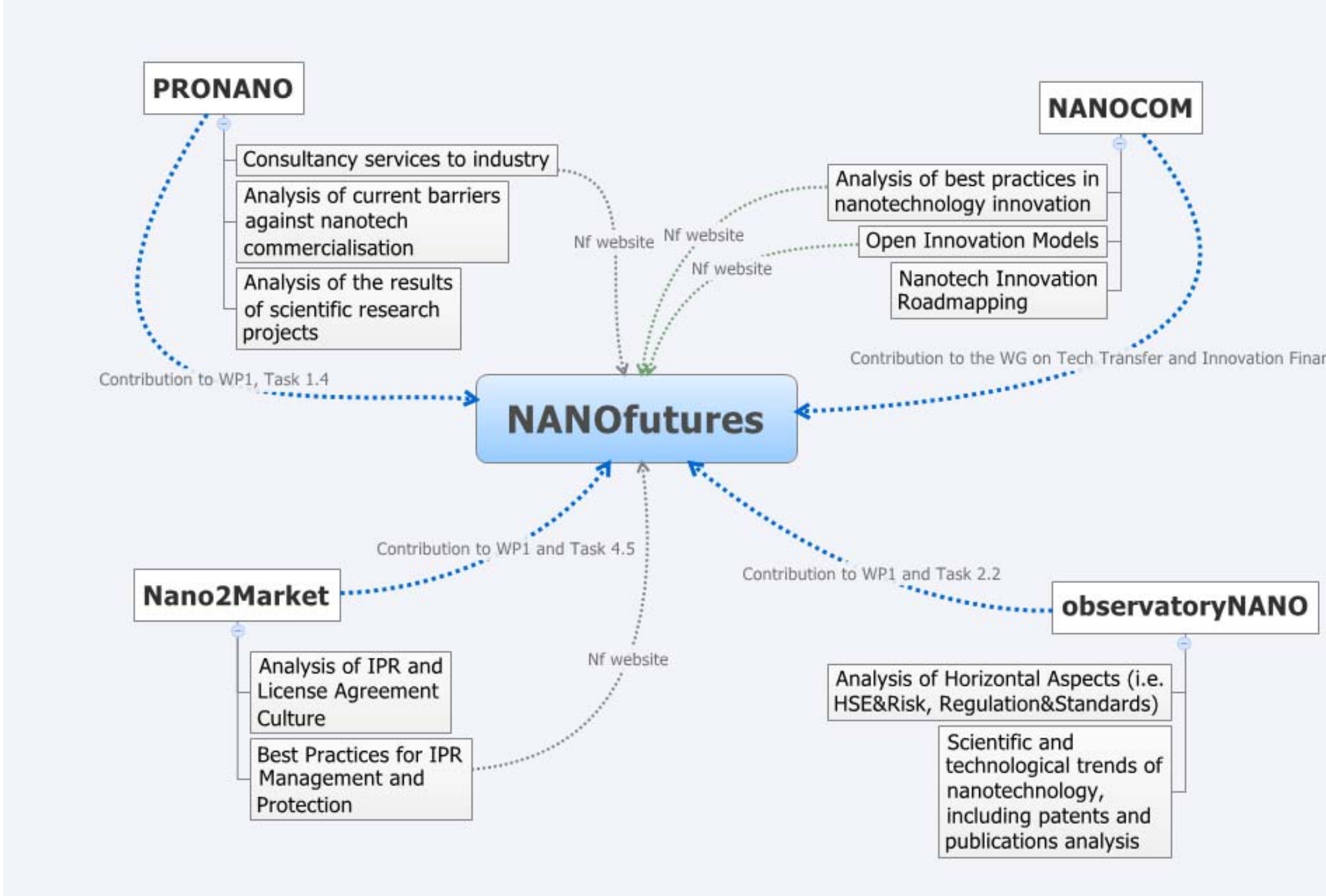


Targets
and Challer

Industrial a
Research
Roadmap

Disseminat

CSAs


PRONANO
Consultancy services to industry
Analysis of current barriers against nanotech commercialisation
Analysis of the results of scientific research projects
Contribution to WP1, Task 1.4
NANOCOM
Analysis of best practices in nanotechnology innovation
Open Innovation Models
Nanotech Innovation Roadmapping
Contribution to the WG on Tech Transfer and Innovation Finar
Nf website
Nf website
Nf website
NANOfutures
Nano2Market
Analysis of IPR and License Agreement Culture
Best Practices for IPR Management and Protection
Contribution to WP1 and Task 4.5
Nf website
observatoryNANO
Analysis of Horizontal Aspects (i.e. HSE&Risk, Regulation&Standards)
Scientific and technological trends of nanotechnology, including patents and publications analysis
Contribution to WP1 and Task 2.2