



Development of an integrated approach based on validated and standardized methods to support the implementation of the EC recommendation for a definition of nanomaterial

www.NanoDefine.eu



Projects details

- EU FP7 contract no: 604347
- Starting date: 1st November 2013
- Ending Date: 1st November 2017
- Total budget: 9,3 million €
- EC contribution: 6.9 million €
- Project coordinator: RIKILT
Wageningen UR, the Netherlands
- Number of partners: 29
- Number of countries involved: 11



NanoDefine Consortium



29 Partners form a consortium of European RTD performers, metrology institutes and nanomaterials and instrument manufacturers.



- RTD Providers
- Metrology
- Instrument suppliers
- Industry (materials)
- Sector associations
- Service providers



NanoDefine is funded by the European Community's Seventh Framework Programme under Grant Agreement-604347

Strategic objective

The strategic objective of NanoDefine is to provide the ***affected Industries*** and ***regulatory agencies*** with the tools that support the implementation of **the definition** in all relevant regulatory contexts.

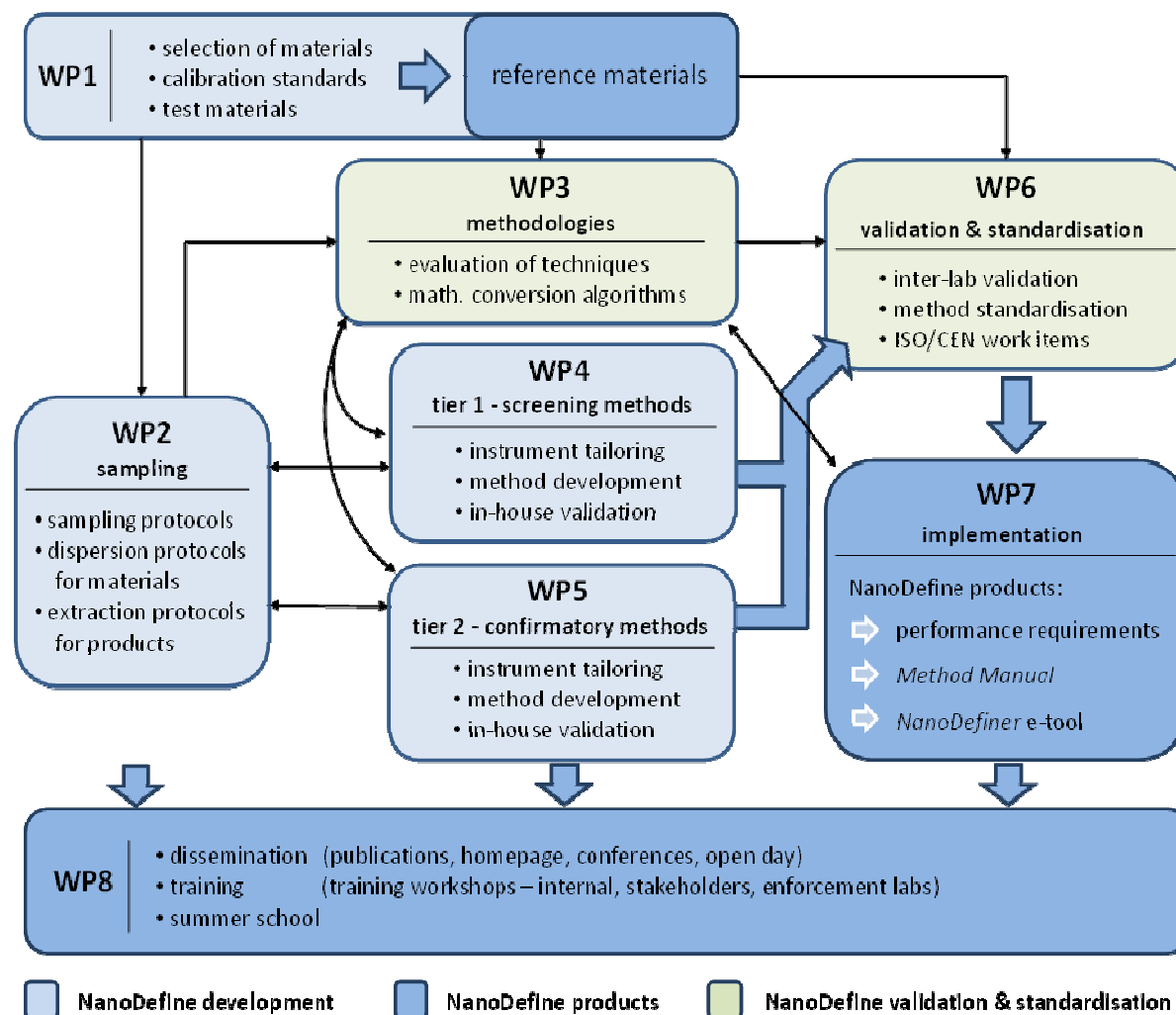
The NanoDefine foreseen solution will be:

- **Easy to implement:** as it integrates the current practice/facilities/expertise present at end-users with new developments
- **Cost efficient:** as it offers a tiered approach for the selection of the most adequate analytical route to get to a classification according to the definition with the least possible effort
- **Flexible:** as it defines criteria for the inclusion of novel technologies and can be adopted easily to changing regulatory requirements
- **Sustainable:** as the developed approach will be implemented in structures that persist beyond the duration of the project



Work packages and interdependencies

- WP1:** Test and reference materials
- WP 2:** Sample preparation, dispersion & sampling
- WP3:** Evaluation and selection of techniques and methodologies
- WP4:** Screening methods (tier 1)
- WP5:** Confirmatory methods (tier 2)
- WP6:** Validation and standardisation
- WP7:** Implementation & case studies
- WP8:** Dissemination, training & technology transfer
- WP 9,10** Management and Coordination (not shown)



NanoDefine products

The strategic objectives in **NanoDefine** will deliver the following **main products**:

- **The NanoDefiner e-tool**: Standardised automated procedure for method selection and NM classification for the most economic implementation of the definition
- **The NanoDefine Method Manual**: Technical guidance on the use of available methodologies
- **Standard operation procedures (SOPs)** for analysis of materials and products
- **CEN/ISO work items** for key methods
- **Calibration standards and reference materials** (potentially to be certified later)
- **Instruments prototypes** tailored to the requirements of the definition
- **Technology transfer** of developed methods to end users



For more information:

www.NanoDefine.eu

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