



Università
Ca'Foscari
Venezia

TITOLO PROGETTO: SUN— SUSTAINABLE NANOTECHNOLOGIES

PROGRAMMA DI FINANZIAMENTO: VII FP - Cooperation

BANDO: FP7-NMP-2013-LARGE-7

STRUTTURA (DIPARTIMENTO/CENTRO): DIPARTIMENTO DI SCIENZE AMBIENTALI,
INFORMATICA E STATISTICA

DATI FINANZIARI:

Costo complessivo del progetto	Finanziamento Europeo Complessivo Assegnato
13.520.634,40	10.249.962,20

SINTESI DEL PROGETTO:

SUN (Sustainable Nanotechnologies) is the first project addressing the entire lifecycle of nanotechnologies to ensure holistic nanosafety evaluation and incorporate the results into tools and guidelines for sustainable manufacturing, easily accessible by industries, regulators and other stakeholders.

The project will incorporate scientific findings from over 30 European projects, national and international research programmes and transatlantic co-operations to develop (i) methods and tools to predict nanomaterials exposure and effects on humans and ecosystems, (ii) implementable processes to reduce hazard and exposure to nanomaterials in different lifecycle stages, (iii) innovative technological solutions for risk management in industrial settings, and (iv) guidance on best practices for securing both nano-manufacturing processes and nanomaterials ultimate fate, including development of approaches for safe disposal and recycling. In summary, SUN stands for an integrated approach for the long-term sustainability of nanotechnologies through the development of safe processes for production, use and end-of-life processing of nanomaterials and products, as well as methods reducing both adverse effects and exposure to acceptable levels.

Inizio attività (previsione)	Fine attività (previsione)
01/10/2013	2017

PARTENARIATO:

1	UNIVERSITA CA' FOSCARI VENEZIA	VENEZIA	Coordinator
2	EUROPEAN RESEARCH SERVICES GMBH	MUENSTER (DE)	Partner
3	BASF SE	LUDWIGSHAFEN (DE)	Partner
4	NANOCYL SA	SAMBREVILLE (BE)	Partner
5	COLOROBIA ITALIA SPA	SOVIGLIANA VINCI (IT)	Partner
6	PLASTIC COMPONENTS AND MODULES AUTOMOTIVE SPA	GRUGLIASCO (IT)	Partner
7	VENETO NANOTECH SCPA	PADOVA (IT)	Partner
8	MBN NANOMATERIALIA SPA	CARBONERA (IT)	Partner
9	DIE INNOVATIONSGESELLSCHAFT MBH	ST GALLEN (CH)	Partner
10	PLASMACHEM PRODUKTIONS- UND	BERLIN (DE)	Partner

HANDEL GMBH			
11	MALSCH TECHNOVALUATION	UTRECHT (NL)	Partner
12	THE REACH CENTRE LIMITED	PRESTON (UK)	Partner
13	ETSS, GOTTSCHALK & CO. KOLLEKTIVGESELLSCHAFT	STRADA TSCHLIN (CH)	Partner
14	INSTITUTE OF OCCUPATIONAL MEDICINE INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA Y ALIMENTARIA	EDINBURGH (UK) MADRID (ES)	Partner Partner
15	RIJKSINSTITUUT VOOR VOLKSGEZONDHEIDEN MILIEU*NATIONAL INSTITUTE FOR PUBLIC HEALTH AND THE ENVIRONMENT	BILTHOVEN (NL)	Partner
16	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK - TNO	DELFT (NL)	Partner
17	DET NATIONALE FORSKNINGSCENTER FOR ARBEJDSMILJO	KOBENHAVN (DK)	Partner
18	EIDGENOESSISCHE MATERIALPRUEFUNGS- UND FORSCHUNGSANSTALT	DUEBENDORF (CH)	Partner
19	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V	MUNCHEN (DE)	Partner
20	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	PARIS (FR)	Partner
21	CONSIGLIO NAZIONALE DELLE RICERCHE	ROME (IT)	Partner
22	STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK	WAGENINGEN (NL)	Partner
23	DANMARKS TEKNISKE UNIVERSITET	KONGENS LYNGBY (DK)	Partner
24	HERIOT-WATT UNIVERSITY	EDINBURGH (UK)	Partner
25	KAROLINSKA INSTITUTET	STOCKHOLM (SE)	Partner
26	UNIVERSIDADE DE AVEIRO	AVEIRO (PT)	Partner
27	UNIVERSITY OF PLYMOUTH	PLYMOUTH (UK)	Partner
28	RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN	AACHEN (DE)	Partner
29	AARHUS UNIVERSITET	AARHUS C (DK)	Partner
30	UNIVERSITAET WIEN	WIEN (AT)	Partner
31	STICHTING VU-VUMC	AMSTERDAM (NL)	Partner
32	UNIVERSITY OF LEEDS	LEEDS (UK)	Partner
33	UNIVERSITAET BREMEN	BREMEN (DE)	Partner
34	UNIVERSITY OF LIMERICK	LIMERICK (IE)	Partner

SITO-WEB: http://www.unive.it/nqcontent.cfm?a_id=154366