	Project SensHy	

Deliverable N° D 5.4

Awareness and wider social implications

Project No.	223998
Project Acronym	SENSHY
Project Title	Photonic sensing of hydrocarbons based on innovative mid infrared lasers
Instrument	STREP
Thematic Priority	Theme FP7-ICT-2007-2-3.5 - Photonic components and subsystems
Start date of Project	1st March 2008
Duration	42 months

Due Date of Deliverable	Month 42
Actual Submission Date	Month 42
Lead Partner	WRUT
Other Partners	GMI, NP, UM2, UWUE, SLA

Short description

In this document we present issues related to public awareness and wider social implications of the SensHy project.

The report is based on a questionnaire proposed by the European Commission and addresses subjects as ethics, workforce statistics, gender aspects, synergies with science education, interdisciplinarity, engaging with civil society and policy makers, use and dissemination and media and communication to the general public.

	Project SensHy	

Table of Contents

SensHy expert sensing	**Project SensHy**	SEVENTH FRAMEWORK PROGRAMME

Replies to the following questions will assist the Commission to obtain statistics and indicators on societal and socio-economic issues addressed by projects. The questions are arranged in a number of key themes. As well as producing certain statistics, the replies will also help identify those projects that have shown a real engagement with wider societal issues, and thereby identify interesting approaches to these issues and best practices. The replies for individual projects will not be made public.

A   General Information

Grant Agreement Number:

223998

Title of Project:

Photonic sensing of hydrocarbons based on innovative mid infrared lasers based on innovative mid infrared lasers

Name and Title of Coordinator:

Dr. Johannes Koeth

B   Ethics

1. Did your project undergo an Ethics Review (and/or Screening)?	
• If Yes: have you described the progress of compliance with the relevant Ethics Review/Screening Requirements in the frame of the periodic/final project reports?	*No*
2. Please indicate whether your project involved any of the following issues (tick box) :	
RESEARCH ON HUMANS	
• Did the project involve children?	*No*
• Did the project involve patients?	*No*
• Did the project involve persons not able to give consent?	*No*
• Did the project involve adult healthy volunteers?	*No*
• Did the project involve Human genetic material?	*No*

• Did the project involve Human biological samples?		*No*
• Did the project involve Human data collection?		*No*
RESEARCH ON HUMAN EMBRYO/FOETUS		
• Did the project involve Human Embryos?		*No*
• Did the project involve Human Foetal Tissue / Cells?		*No*
• Did the project involve Human Embryonic Stem Cells (hESCs)?		*No*
• Did the project on human Embryonic Stem Cells involve cells in culture?		*No*
• Did the project on human Embryonic Stem Cells involve the derivation of cells from Embryos?		*No*
PRIVACY		
• Did the project involve processing of genetic information or personal data (eg. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)?		*No*
• Did the project involve tracking the location or observation of people?		*No*
RESEARCH ON ANIMALS		
• Did the project involve research on animals?		*No*
• Were those animals transgenic small laboratory animals?		*No*
• Were those animals transgenic farm animals?		*No*
• Were those animals cloned farm animals?		*No*
• Were those animals non-human primates?		*No*
RESEARCH INVOLVING DEVELOPING COUNTRIES		
• Did the project involve the use of local resources (genetic, animal, plant etc)?		*No*
• Was the project of benefit to local community (capacity building, access to healthcare, education etc)?		*No*
DUAL USE		
• Research having direct military use		*No*
• Research having the potential for terrorist abuse		*No*

	Project SensHy	

C   Workforce Statistics

3.   Workforce statistics for the project: Please indicate in the table below the number of people who worked on the project (on a headcount basis).

Type of Position	Number of Women	Number of Men
Scientific Coordinator		1
Work package leaders		5
Experienced researchers (i.e. PhD holders)	2	17
PhD Students	1	2
Other	8	1

4. How many additional researchers (in companies and universities) were recruited specifically for this project?	**5**
Of which, indicate the number of men:	5

D   Gender Aspects

5.	**Did you carry out specific Gender Equality Actions under the project**?	O X	Yes No

6.   Which of the following actions did you carry out and how effective were they?

	Not at all effective				Very effective
❑ Design and implement an equal opportunity policy	O	O	O	O	O
❑ Set targets to achieve a gender balance in the workforce	O	O	O	O	O
❑ Organise conferences and workshops on gender	O	O	O	O	O
❑ Actions to improve work-life balance	O	O	O	O	O
O Other:					

7.   Was there a gender dimension associated with the research content – i.e. wherever people were the focus of the research as, for example, consumers, users, patients or in trials, was the issue of gender considered and addressed?

O   Yes - please specify

O   No

E   Synergies with Science Education

8.   Did your project involve working with students and/or school pupils (e.g. open days, participation in science festivals and events, prizes/competitions or joint projects)?

X   Yes - please specify   workshop, girls days

O   No

9.   Did the project generate any science education material (e.g. kits, websites, explanatory booklets, DVDs)?

O   Yes - please specify

X   No

F   Interdisciplinarity

10.	**Which disciplines (see list below) are involved in your project?**		
	X	Main discipline[1]: Electrical engineering	
	X	Associated discipline[1]: Physical sciences	X	Associated discipline[1]: Mathematics and computer sciences

G   Engaging with Civil society and policy makers

11a	**Did your project engage with societal actors beyond the research community?** *(if 'No', go to Question 14)*	O	Yes
		X	No

11b	**If yes, did you engage with citizens (citizens' panels / juries) or organised civil society (NGOs, patients' groups etc.)?**
	O No
	O Yes- in determining what research should be performed
	O Yes - in implementing the research
	O Yes, in communicating /disseminating / using the results of the project

11c	**In doing so, did your project involve actors whose role is mainly to organise the dialogue with citizens and organised civil society (e.g. professional mediator; communication company, science museums)?**	O	Yes
		O	No

12.	**Did you engage with government / public bodies or policy makers (including international organisations)**
	O No
	O Yes- in framing the research agenda
	O Yes - in implementing the research agenda
	O Yes, in communicating /disseminating / using the results of the project

13a	**Will the project generate outputs (expertise or scientific advice) which could be used by policy makers?**
	O Yes – as a **primary** objective (please indicate areas below- multiple answers possible)
	O Yes – as a **secondary** objective (please indicate areas below - multiple answer possible)
	O No

---

[1] Insert number from list below (Frascati Manual).

13b If Yes, in which fields?

Agriculture	Energy	Human rights
Audiovisual and Media	Enlargement	Information Society
Budget	Enterprise	Institutional affairs
Competition	Environment	Internal Market
Consumers	External Relations	Justice, freedom and security
Culture	External Trade	Public Health
Customs	Fisheries and Maritime Affairs	Regional Policy
Development Economic and Monetary Affairs	Food Safety	Research and Innovation
Education, Training, Youth	Foreign and Security Policy	Space
Employment and Social Affairs	Fraud	Taxation
	Humanitarian aid	Transport

	Project SensHy	

13c If Yes, at which level?

- ○ Local / regional levels
- ○ National level
- ○ European level
- ○ International level

H   Use and dissemination

14. How many Articles were published/accepted for publication in peer-reviewed journals?	**18**
To how many of these is open access[2] provided?	**3**
How many of these are published in open access journals?	**0**
How many of these are published in open repositories?	**0**
To how many of these is open access not provided?	**15**
Please check all applicable reasons for not providing open access:	
❑ publisher's licensing agreement would not permit publishing in a repository X no suitable repository available X no suitable open access journal available X no funds available to publish in an open access journal X lack of time and resources ❑ lack of information on open access ❑ other[3]: …………….	

15. How many new patent applications ('priority filings') have been made? *("Technologically unique": multiple applications for the same invention in different jurisdictions should be counted as just one application of grant).*		**2**
16. Indicate how many of the following Intellectual Property Rights were applied for (give number in	Trademark	
	Registered design	

---

each box).	Other	

17. How many spin-off companies were created / are planned as a direct result of the project?		
Indicate the approximate number of additional jobs in these companies:		

18. Please indicate whether your project has a potential impact on employment, in comparison with the situation before your project:

X	Increase in employment, or	X	In small & medium-sized enterprises
❑	Safeguard employment, or	❑	In large companies
❑	Decrease in employment,	❑	None of the above / not relevant to the project
❑	Difficult to estimate / not possible to quantify		

19. For your project partnership please estimate the employment effect resulting directly from your participation in Full Time Equivalent (*FTE = one person working fulltime for a year*) jobs:	*Indicate figure:*
Difficult to estimate / not possible to quantify	X

	Project SensHy	

I Media and Communication to the general public

20. As part of the project, were any of the beneficiaries professionals in communication or media relations?

     ○ Yes   X   No

21. As part of the project, have any beneficiaries received professional media / communication training / advice to improve communication with the general public?

     ○ Yes   X   No

22 Which of the following have been used to communicate information about your project to the general public, or have resulted from your project?

X	Press Release	X	Coverage in specialist press
❏	Media briefing	❏	Coverage in general (non-specialist) press
❏	TV coverage / report	❏	Coverage in national press
❏	Radio coverage / report	❏	Coverage in international press
X	Brochures /posters / flyers	X	Website for the general public / internet
❏	DVD /Film /Multimedia	❏	Event targeting general public (festival, conference, exhibition, science café)

23 In which languages are the information products for the general public produced?

❏	Language of the coordinator	X	English
❏	Other language(s)		