



Air quality in schools and childcare settings

SINPHONIE

Contract number: SANCO/2009/C4/04

AGENDA

CHEMICAL, PHYSICAL AND BIOLOGICAL TRAINING

GENERAL ASSEMBLY

HEALTH TRAINING

European Commission. Joint Research Centre. Via Enrico Fermi 2749. I-21027 Ispra (VA)
02 - 06 May 2011

Overall management:

Regional Environmental Center

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Prof. Eduardo de Oliveira Fernandes, IDMEC-FEUP (Portugal)

Dr. Stylianos Kephelopoulos, JRC (European Commission)

Dr. Péter Rudnai, NIEH (Hungary)

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CHEMICAL, PHYSICAL AND BIOLOGICAL TRAINING

1st Day, 02 May 2011

09.00-09.30	Arrival Welcome, S. Kephelopoulos, JRC	Building 58 C, Auditorium
09.30-10.00	Opening Introduction of the agenda and logistic information, <i>Josefa Barrero-Moreno, JRC</i> Harmonisation of methodologies for indoor air monitoring (DG SANCO, WHO initiatives), <i>S. Kephelopoulos, JRC</i>	
10.00-10.30	Overview of SINPHONIE project (WP1) <i>Eva Csobod, REC and E. Oliveira Fernandes, IDMEC-FEUP</i>	
10.30-11.00	Coffee break	
11.00-12.30	Assessment of outdoor/indoor school environment (WP3) <i>Josefa Barrero-Moreno, JRC/Peter Rudnai, NIEH</i> QA/QC aspects. <i>Josefa Barrero-Moreno, Salvatore Tirendi, JRC</i>	
12.30-14.00	Lunch (buffet in building 58 C, auditorium area)	
14.00-18.00	Parallel sessions of training Group 1 (Building 28 F, Meeting room) <i>Passive sampling: formaldehyde, VOCs, NO₂, O₃, Rn. Otmar Geiss, Paolo Leva, JRC</i> Group 2 (Building 58 C, Auditorium) <i>Active sampling and continuous monitoring: PM₁₀, PM_{2.5}, PAHs, CO, CO₂, RH, T, Maarten Spruyt, VITO</i> Group 3 (Building 58 C, Room 12 a+b) <i>Biological sampling, Martin Taubel, THL</i>	Building 28 F/Building 58 C
18:00	Transfer to hotel	

CHEMICAL, PHYSICAL AND BIOLOGICAL TRAINING

2nd Day, 03 May 2011

09.00-12.30	<p style="text-align: right;">Building 28 F/Building 58 C</p> <p>Parallel sessions of training</p> <p>Group 2 (Building 28 F, Meeting room) <i>Passive sampling: formaldehyde, VOCs, NO₂, O₃, Rn Otmar Geiss, Paolo Leva, JRC</i></p> <p>Group 3 (Building 58 C, Auditorium) <i>Active sampling and continuous monitoring: PM₁₀, PM_{2.5}, PAHs, CO, CO₂, RH, T, Maarten Spruyt, VITO</i></p> <p>Group 1 (Building 58 C, room 12 a+b) <i>Biological sampling, Martin Taubel, THL</i></p>
12.30-14.00	Lunch (buffet in building 58 C, auditorium area)
14.00-18:00	<p style="text-align: right;">Building 28 F/Building 58 C</p> <p>Parallel sessions of training (coffee break foreseen)</p> <p>Group 3 (Building 28 F, Meeting room) <i>Passive sampling. formaldehyde, VOCs, NO₂, O₃, Rn, Otmar Geiss, Paolo Leva, JRC</i></p> <p>Group 1 (Building 58 C, Auditorium) <i>Active sampling and continuous monitoring: PM₁₀, PM_{2.5}, PAHs, CO, CO₂, RH, T, Maarten Spruyt, VITO</i></p> <p>Group 2 (Building 58 C, Room 12 a+b) <i>Biological sampling, Martin Taubel, THL</i></p>
18:00	Transfer to hotel

20:30 Social dinner

Corte Visconti "IL RISTORANTE"

Via Roma 9 - 21019 Somma Lombardo (VA)

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GENERAL ASSEMBLY

3rd Day, 04 May 2011

Building 58 C, Auditorium	
09.00-09.30	Arrival
09.30-10.00	<p>Opening <i>Chair: Stylianos Kephelopoulos, JRC</i></p> <p>Welcome, <i>D. Kotzias, JRC</i> Introduction of the agenda and coordination business, <i>E. Csobod, REC</i> Highlights of the project to keep in mind, <i>E. Oliveira Fernandes, IDMEC-FEUP</i></p>
10.00-10.30	<p>Background (WP2) <i>Chair: Eva Csobod, REC and E. Oliveira Fernandes, IDMEC-FEUP</i></p> <p>State-of-the-art. Focused general overview, <i>Isabella Annesi-Maesano, UPMC Paris06/Peter Rudnai, NIEH</i> Questions & Answers (Q&A)</p>
10.30-11.00	Coffee break
11.00-12.30	<p>Assessment of outdoor/indoor school environment (WP3) <i>Chair: Josefa Barrero-Moreno, JRC/Peter Rudnai, NIEH</i></p> <p>Characterization of the school buildings (WP3.1) <i>Gabriela Ventura/Peter Rudnai</i></p> <ul style="list-style-type: none"> - Selection criteria of schools; schools and classrooms checklists <p>Q&A</p> <p>Physical and chemical measurements (WP3.2) <i>Marianne Stranger/Eva Vaskovi</i></p> <ul style="list-style-type: none"> - Strategy for the main studies, quality assurance/quality control; operational protocols and sampling analysis - Training courses (conclusions) <p>Q&A</p> <p>Biological measurements (WP3.3) <i>Taubel Martin/Donat Magyar</i></p> <ul style="list-style-type: none"> - Quality assurance/quality control; operational protocols for main studies (sampling campaigns) - Training courses (conclusions) <p>Q&A</p> <p>Summing up, <i>Josefa Barrero-Moreno, JRC/ Peter Rudnai, NIEH. WP3</i></p>
12.30-14.00	Lunch
14.00-15.15	<p>Assessment of health outcomes (WP4) <i>Chair: Giovanni Viegi, CNR Palermo/ Peter Rudnai, NIEH</i></p> <p>Clinical field survey (WP4.1) <i>Piersante Sestini/Peter Rudnai</i></p> <ul style="list-style-type: none"> - Questionnaires

	<ul style="list-style-type: none"> - Protocol for assessment of absenteeism from schools - Protocol for spirometric testing and evaluation - Protocol for attention/concentration testing <p>Q&A</p> <p>Clinical tests (WP4.2) <i>Dan Norback/Hans Moshammer</i></p> <ul style="list-style-type: none"> - Clinical investigations and biomarkers <p>Q&A</p> <p>Summing up, <i>Giovanni Viegi, CNR Palermo/ Peter Rudnai, NIEH. WP4</i></p>
15.15-16.45	<p>Data management, cross analysis and database (WP5) & Communication & dissemination (WP8) <i>Chair: Isabella Annesi-Maesano, UPMC Paris06 and Anna Páldy, NIEH</i></p> <p>Specification database structures and functionalities, <i>Phylomena Bluysen/Alena Bartonova</i></p> <ul style="list-style-type: none"> - Interaction between database and website - Input variables in database <p>Q&A</p> <p>Communication and dissemination, <i>Eva Csobod/Reka Prokai</i></p> <ul style="list-style-type: none"> - Information brochures - Website (conditions of access: partners; AC and tank experts members, general); schedule with the contribution of the other WP leaders and co-leaders for the website) <p>Q&A</p> <p>Summing up, <i>Isabella Annesi-Maesano, UPMC Paris06. WP5/Anna Páldy, NIEH. WP8</i></p>
16.45-17.00	Coffee break
17.00-17.30	<p>Closing</p> <p>Final remarks, <i>Eva Csobod. REC</i> <i>E. de Oliveira Fernandes, IDMEC-FEUP</i> <i>Stylios Kephelopoulos, JRC</i> <i>Peter Rudnai, NIEH</i></p>
17.30	<p>Extra agenda-Case studies</p> <p>Physical and chemical measurements <i>(WP3.2) Marianne Stranger</i> Biological measurements <i>(WP3.3) Taubel Martin</i></p> <ul style="list-style-type: none"> - Operational protocols for case studies <p>Q&A</p>

HEALTH TRAINING

4th Day, 05 May 2011

09.00-09.30	Arrival Welcome , <i>D. Kotzias, JRC</i>	Building 36 C, Room 2
09.30-10.00	Opening Introduction of the agenda and logistic information, <i>Piersante Sestini, USiena/ Josefa Barrero-Moreno, JRC</i>	
10.00-10.30	Overview of SINPHONIE project (WP1) <i>Eva Csobod, REC and E. Oliveira Fernandes, IDMEC-FEUP</i> Overview of SINPHONIE project (WP4) <i>Fabio Cibella, CNR Palermo/Piersante Sestini, USiena</i>	
10.30-11.00	Coffee break	
11.00-12.30	Questionnaires for students, parents and teachers QA/QC aspects. <i>Piersante Sestini, USiena</i>	
12.30-14.00	Lunch	
14.00-18.00	Parallel sessions of training (coffee break foreseen) <i>Piersante Sestini, USiena/ Dan Norback, UU/ Fabio Cibella, CNR Palermo</i> Group 1 (Building 36, Room 2) <i>Spyrometry</i> <i>Exhaled NO</i> Group 2 (Building 36, Room 3) <i>Nasal lavage</i> <i>Blink test</i>	Building 36 C

5th Day, 06 May 2011

09.00-13.00	Parallel sessions of training (coffee break foreseen) <i>Piersante Sestini, USiena,/ Dan Norback UU/ Fabio Cibella CNR Palermo</i> Group 1 (Building 36, Room 3) <i>Nasal lavage</i> <i>Blink test</i> Group 2 (Building 36, Room 2) <i>Spyrometry</i> <i>Exhaled NO</i>	Building 36 C
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13.00	Departure