

# **Better data – better decisions**

## **Siân Astley (EuroFIR AISBL)**

## **Paul Finglas (IFR)**

**Stakeholders' workshop, 5<sup>th</sup> February 2014**  
**Thon Hotel Brussels City Centre, Belgium**

# Training & Spreading of Excellence: OBJECTIVES

- ▶ Promote knowledge and development of skills amongst the individuals and organisations running and evaluating Total Diet Studies for food safety and risk assessment in Europe through a coherent set of closely related training activities
  - High level of integration of existing and new training activities
  - Sharing of methods and facilities
- ▶ Specialised courses, workshops including summer schools
- ▶ Individual training exchanges
- ▶ Development and implementation of a new elearning module on TDS

## WHO IS INVOLVED?

- ▶ Lead by EuroFIR AISBL ([www.eurofir.org](http://www.eurofir.org))
- ▶ 12 organisations directly involved → all consortium contributes
- ▶ All consortium benefits as well as external organisations
  - Particularly those countries planning or new to TDS

# Summer Schools 2013, 2014, 2015

- ▶ Expertise and training 'modules' exist within and beyond the consortium
- ▶ WHO international workshops
  - Kansas City (US) July 1999
  - Brisbane (AU) February 2002
  - Paris (FR) May 2004
  - Beijing (CN) October 2006
- *Create a framework for three summer schools that could be adopted by anyone seeking to provide training for TDS*

Time	Session	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
		Get together	Basic TDS/ Design and planning	Design and planning	Sample preparation and analysis	Exposure assessment	Quality assessment
09.00-10.30	Session I		Registration	Food consumption databases and use in dietary assessments of contaminants	Sample preparation and culinary operations	Data management, e.g. FoodCase	Quality management principles and practices suited to TDS I
10.30-11.00					BREAK		
11.00-12.30	Session II		INTRODUCTION Total diet studies: What they are and why they are important	Developing a food list including food classification system	Analytical measurements	Exposure assessment, risk characterisation and communication (MCRA)	Quality management principles and practices suited to TDS II
12.30-14.00					LUNCH		
14.00-15.30	Session III		Criteria for selection of chemical substances and population targets	Sampling plan for a TDS and its relation to the food list	Systems for describing food: e.g. Langual/FoodEx	PRACTICAL	Knowledge evaluation, certificates, close
15.30-16.00					BREAK		
16.00-18.00	Session IV		Planning Total Diet Studies	Food collection for Total Diet Studies	PRACTICAL	PRACTICAL	
18.00-18.30				FREE TIME			
18.30-20.00			Dinner		Dinner		
20.00-21.30	Session V	Informal get-together and dinner	INFORMAL SESSION	Conference Dinner'	INFORMAL SESSION		

# WORK PROGRESS AND ACHIEVEMENTS

- ▶ 1st Summer School delivered 7-12<sup>th</sup> July 2013 at INSA (PT)
  - 21 delegates including 18 TDS-Exposure, 2 Ukraine and 1 Cyprus (→ observer)
  - 13 lectures including three external (ex-WHO, EFSA, FAO)
- ▶ Framework for all summer schools, but also elearning module(s)
- ▶ Evaluation – satisfied or very satisfied (hard work)



➤ Summer School 2014 22<sup>nd</sup>-27<sup>th</sup> June 2014, TUBITAK (TR)

# Specialised course and workshops

- ▶ Identify the needs and gaps in consortium, and the priorities
  - Likely to be the same for others including those planning or new to TDS
- ▶ Delivery during 2014-2015
- ▶ Open to all, small fee for those who are not partners

1. Collection/ culinary preparation/ analysis – FERA (UK), May 2014
2. Data collection and management - TBC
3. Design/ planning/ sampling - TBC
4. FoodCase-Risk – with Database management, description (2015)

# Individual training exchanges

- ▶ Identify the needs and gaps in consortium, and the priorities
  - Care not to swamp certain organisations (e.g. ANSES, SZU)
  - Involve as many as possible as hosts or visitors
  - Respond to needs identified later in the project
- ▶ Some topics for exchanges identified
  - Applications process begun with 12 potential visits identified (2014-2015)
- ▶ Beneficiaries receive travel, accommodation and subsistence
  - Agree not to charge bench-fees or similar additional costs
- ▶ Clear aims and objectives and outcomes/ results addressing the wider aims of TDS-Exposure and drivers (e.g. new TDS in Europe)

# eLearning module(s) about Total Diet Studies

- ▶ Content generated from summer schools and workshops (needs)
  - Collected audio visual material at TDS-Exposure Summer School 2013
  - Module includes text and interactive learning
- ▶ Status: storyboard and content formating
- ▶ Subsequently enhance, improve module through testing
- ▶ Will create best practice for developing elearning where none exists previously, and no elearning expertise present and limited PM
- ▶ Sustainable in parallel with website/ resources/ tools

Lectora Online - My Titles/TDS Design and planning

File Edit Insert Layout Tools

TDG Design and planning

- Previous
- Next
- Previous-Next
- TITLE
- Table of Contents
- Introduction
- Outline
- Criteria for selection of chemical substances and population targets**
  - Titel 1
  - Criteria for selection of chemical substances and population targets**
  - Objectives of the lecture
  - Plan of the lecture
  - Part 1
  - Part 2
  - Part III. Exercise
  - References
  - Slide 55
  - Planning TDS**
    - Planning TDS: main components of a study, where to start J.RuprichNath
    - Lecture content
    - THEORY: TDS planning - core components
    - THEORY: TDS planning - in steps
    - Theory: TDS process - steps and timeline
    - Theory: TDS Budget - approx. proportions
    - TDS planning step by step
    - Before the 1. Step: a need of the TDS political document
    - 1. Step: allocation of human and financial resources
    - 2. Step: selection of the population and chemical substances
    - 3. Step: establishment of the TDS food list and pooling food subsamples
    - 4. Step: establishment of a sampling plan, and collection of food samples
    - 5. Step: sample transport, storage and standardized culinary treatment
    - CZ TDS kitchen lab in the TDS center (in SZU)
    - 6. Step: requirements for the chemical analyses
    - 7. Step: details of the exposure assessment methodology
    - Example of the point estimate: „simplified model“ for trends in NDL-PCB
    - Example of the complex estimate: Se usual intake, CZ 2013/CZ TDS data
    - 8. Step: publishing and communicating results to stakeholders
    - 9. Step: quality management approaches
    - Learning
    - Discussion and conclusions
    - Food consumption databases and use in dietary assessments of contamin
    - Developing a food list including food classification system
    - Sampling plan for a TDS and its relation to the food list
    - Food collection for TDS

## tds ► exposure

## TDS Design and Planning



- Introduction
- Outline
- Criteria for selection of che**
- Planning TDS
- Food consumption database
- Developing a food list inclu
- Sampling plan for a TDS ar
- Food collection for TDS
- Summary

### Criteria for selection of chemical substances and population targets

Alexandra Papadopoulos Ph.D, Véronique Sirot, Karine Vin

#### Objectives of the lecture

##### Objective 1

To present the populations of interest for total diet studies and the list of specific foods that have to be included in the study, considering those specific populations

##### Objective 2

To present a method to prioritize the substances to be studied in TDS and to apply the prioritization method to select chemicals for a TDS

#### Plan of the lecture

##### Part 1 Populations of interest and specific food groups

- Populations of interest
- Specific food groups



##### Part 2 Prioritization of the substances

- Relevance of the TDS approach: which substances?
- Overview of the AHP method
- Prioritization method applied to TDS



##### Part III. Exercise

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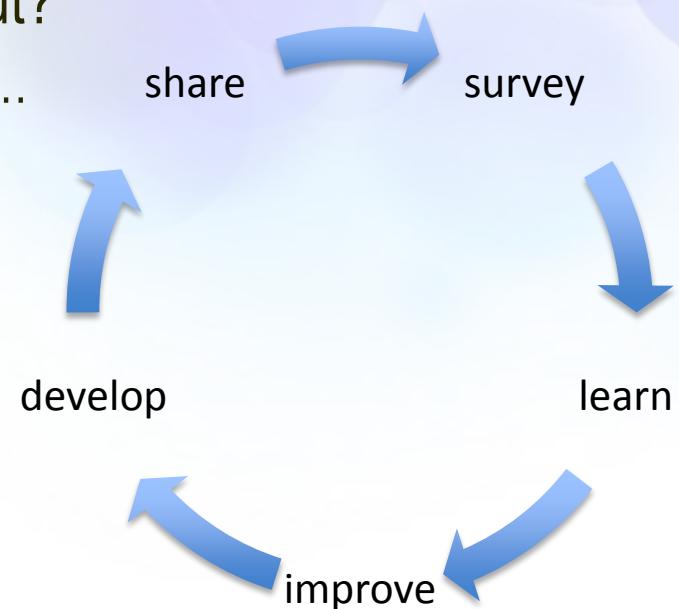
## NEXT STEPS

- Specialised courses, workshops including summer schools
  - Announce Summer School 2014 / open applications (March 2014)
  - Input from hosts, WP leaders and other key participants (stakeholders)
  - Complete planning for (four) workshops in 2014-2015
- Individual training exchanges (2014-2015)
- Development and implementation of new TDS elearning
  - Storyboard M24 and alpha- and beta-testing M24-M36

# Stakeholders: feedback please

- ▶ Are we meeting your needs?
  - information, training opportunities,
- ▶ What would you like to learn more about?
  - Activities, training course, something else ...
  - Would you like information sent directly?
- ▶ Have we missed something?

We would like  
your feedback



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