

# **I**nnovative **D**ietary **A**ssessment **M**ethods in **E**pidemiological **S**tudies and Public Health

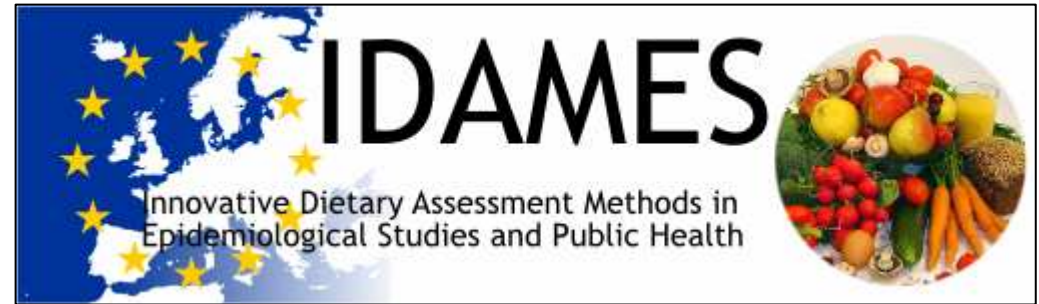
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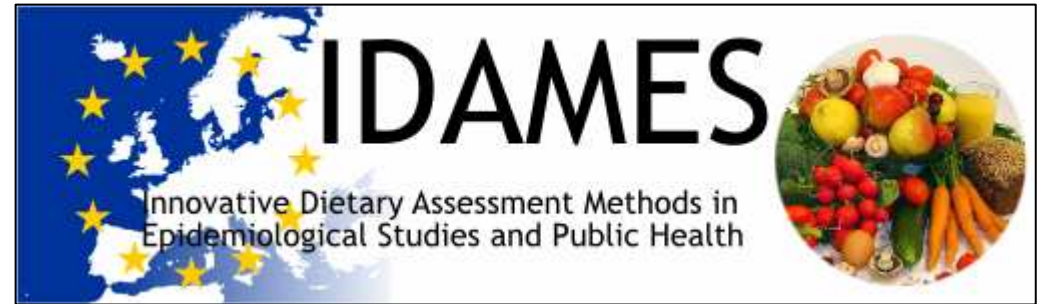


## Issues when IDAMES was drafted



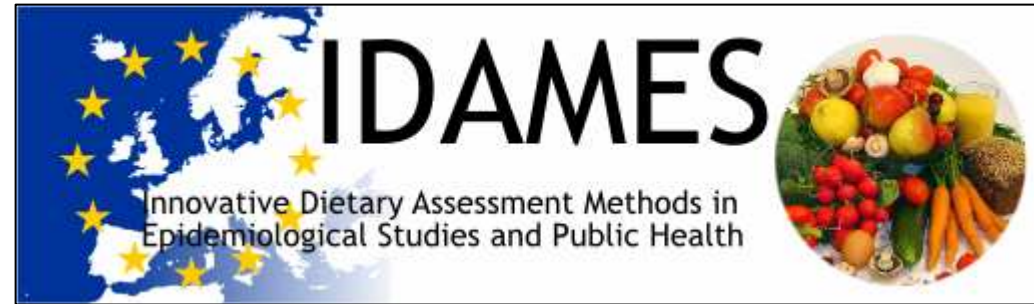
- FFQ has been used as standard instrument
- OPEN and other validation studies had been pointing to considerable measurement error regarding to the FFQ approach
- Linear calibration functions were in use correct FFQ estimates for center mean and random measurement error
- There was the need expressed for repeated dietary measurements

## Objectives of IDAMES



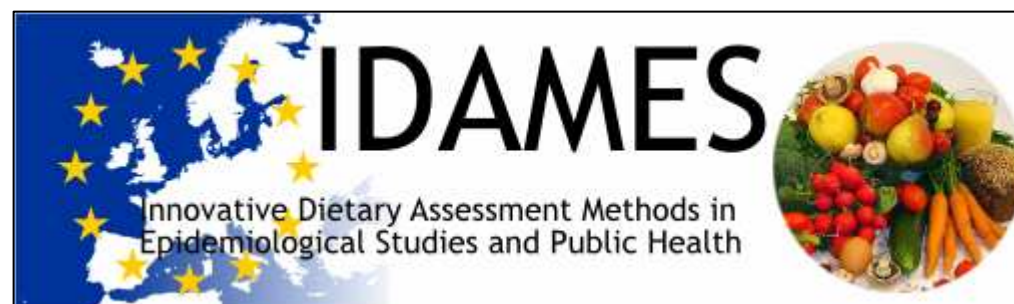
The general objective of this collaboration project is to develop improved guidelines for new and innovative instruments and methodologies to assess among the adult population individual dietary intake in epidemiological studies and public health projects

## Aims of IDAMES



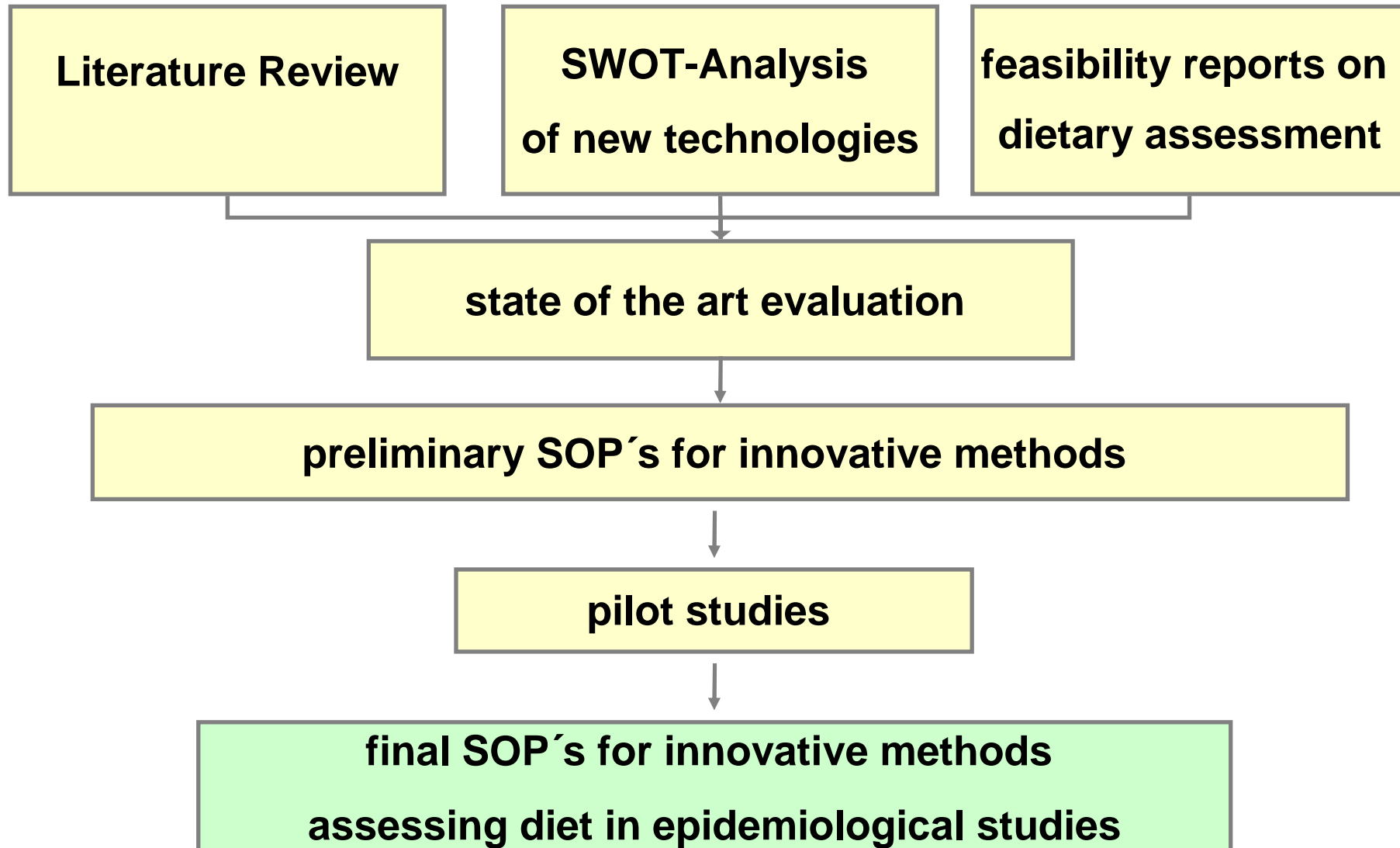
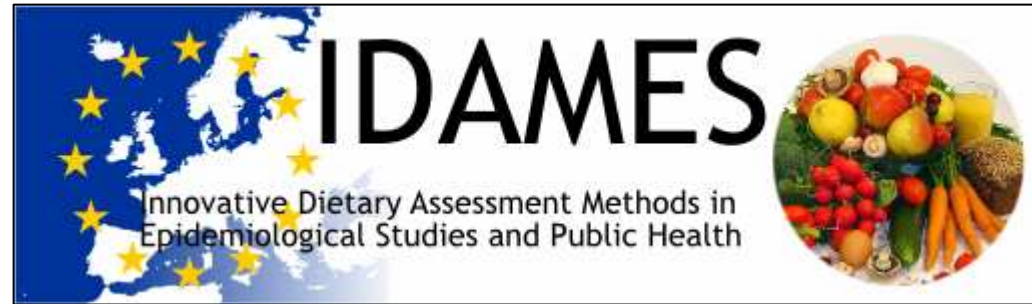
- to provide background data for a nutritional epidemiological approach that provides quantitative and precise estimates for usual dietary intake of individuals
- to generate a better understanding of the design and feasibility of approaches with multiple short-term and long-term instruments, including internet-technologies

# Overview work packages

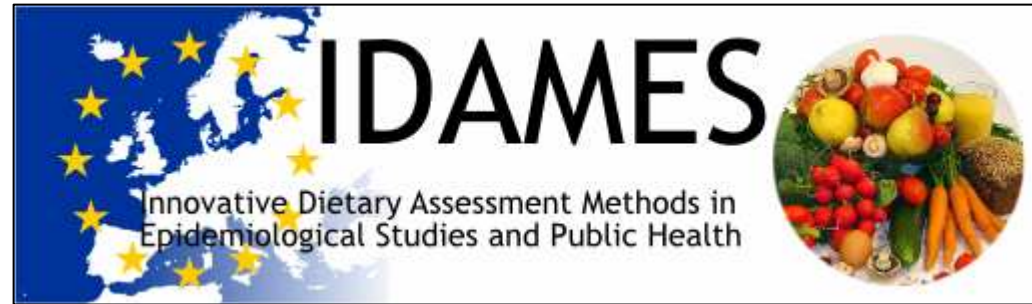


<i>Work-package (WP) No</i>	<i>Work package title</i>	<i>Lead partner</i>	<i>Starting date</i>	<i>Ending date</i>
WP 1	Coordination of the project	DIÆ	April 2007	June 2009
WP 2	Dissemination of the results	CSPO	July 2007	June 2009
WP 3	Evaluation of the project	Imperial	May 2007	June 2009
WP 4	Dietary assessment tools	UCAM-CLGR	May 2007	July 2008
WP 5	Pilot study	DIÆ	February 2008	December 2008
WP 6	Standard operational procedures for dietary assessment in epidemiological studies	UITo	December 2007	February 2009

# Workflow of IDAMES

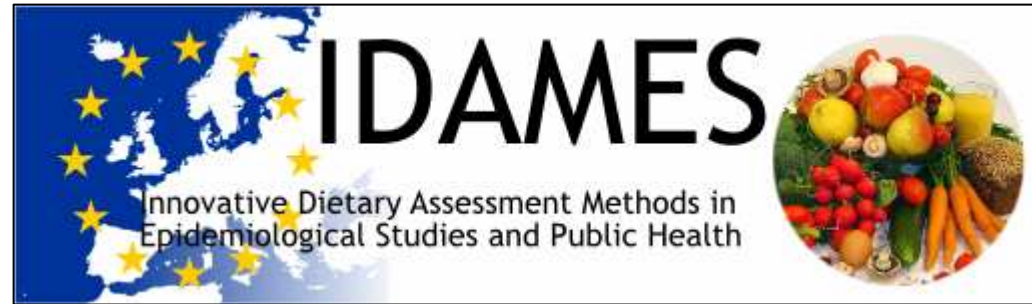


# Achievements regarding methodologies



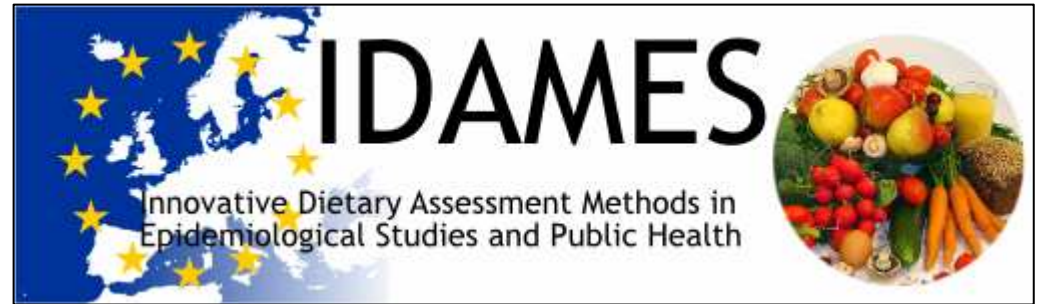
- Short term instruments (i.a. 24-h-recalls) are proposed as the prime method to collect quantitative dietary intake data in epidemiological studies (together with longterm food propensity questionnaires)
- Non-linear intake distributions should describe the intake in a study population (identical with surveys)
- The cost to establish quantitative non-linear intake distributions favors a calibration approach in studies with larger populations
- In studies with larger populations (innovative) quantitative ranking instruments should used (Not adressed in this project)
- Ranking distributions should be fitted to quantiative non-linear intake distributions

## Achievements regarding innovative methods



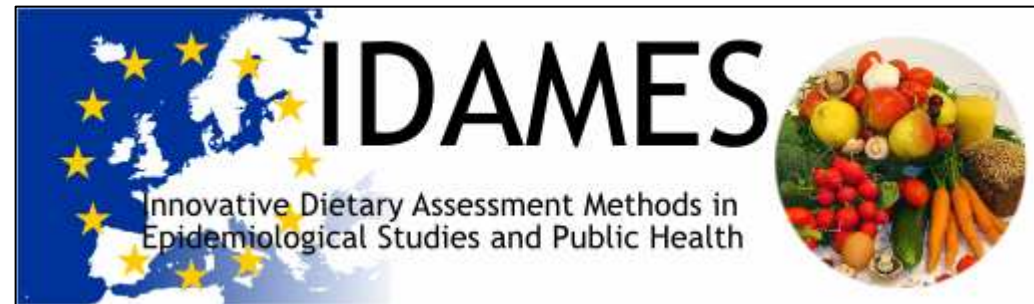
- A multilingual web-based food frequency questionnaire (European food propensity questionnaire, EFPQ) had been developed
- Empirical data on the feasibility of a quantitative dietary assessment in existing cohort studies had been obtained
- Participation rates for use of web based tools in study populations

## **Achievements regarding dissimination**



- State of the art reports of dietary methods are available
- SOPs can be retrieved for the application of shortterm and longterm dietary instruments
- A website will report about the project and its achievements

# Information about IDAMES



<http://www.idames.eu>

The screenshot shows the IDAMES website homepage. At the top, there is a header with the IDAMES logo (European Union flag, text 'IDAMES', and a bowl of fresh fruits and vegetables) and the full name 'Innovative Dietary Assessment Methods in Epidemiological Studies and Public Health'. To the right of the header are links for 'Login | Register | Print'. Below the header is a navigation menu on the left with a search box. The main content area has a yellow bar with 'IDAMES » WebHome'. The main heading is 'IDAMES' followed by the full project name. A paragraph describes the project's aim: 'The aim of this project is to generate Standard Operating Procedures (SOPs) for innovative methods assessing diet in epidemiological studies that allow quantitative and detailed characterisation of individuals regarding their dietary intake including alcohol.' Below this is a link to 'Fur further information see Project summary and Project description'. A section titled 'Priority area and action' lists 'Health determinants (HD 2006)' and 'Integrative approaches on lifestyles and sexual and reproductive health: nutrition and physical activity'. At the bottom, there is a timestamp 'r18 - 06 Apr 2008 - 07:58:30 - PalliD', a copyright notice, a TWiki logo, and links for 'Syndicate this site', 'RSS', and 'ATOM'.

**IDAMES**  
Innovative Dietary Assessment Methods in  
Epidemiological Studies and Public Health

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## IDAMES

### Innovative Dietary Assessment Methods in Epidemiological Studies and Public Health

The aim of this project is to generate Standard Operating Procedures (SOPs) for innovative methods assessing diet in epidemiological studies that allow quantitative and detailed characterisation of individuals regarding their dietary intake including alcohol.

Fur further information see [Project summary](#) and [Project description](#)

#### Priority area and action

Health determinants (HD 2006)  
Integrative approaches on lifestyles and sexual and reproductive health: nutrition and physical activity

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