

Oqali

The French Observatory of Food Quality

8th International Food Data Conference

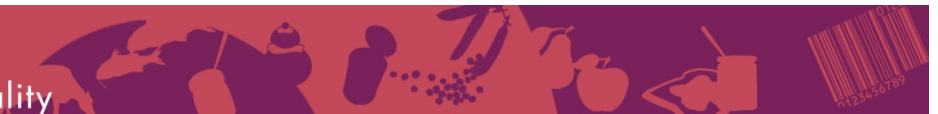
IFDC_Bangkok_ 1-3 October 2009

Céline MENARD
Afssa_Ciqua
Ciqua_Oqali_CM_2009_143

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Danish Food Information (DFI) (formerly head of the Afssa/Ciqua).

Contents

- The Oqali project
- The originality of the Oqali database:
 - The Oqali database: at branded product level
 - Application: simultaneous data entry
 - Structure and data
- Data processing for Oqali surveys
- Communication



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The Oqali project

- A recommendation of the French National Nutrition and Health Programme 2006-2010, a nutrition-based programme aimed at improving public health:
 - **The monitoring of the evolution of the quality of French foodstuffs is required**
- **The French Observatory of Food Quality (Oqali):**
 - set up in 2008
 - publicly financed
 - implemented by:
 - The French Food Safety Agency (AFSSA)
 - The French National Institute for Agronomic Research (INRA)



The Oqali project

- Oqali objectives:

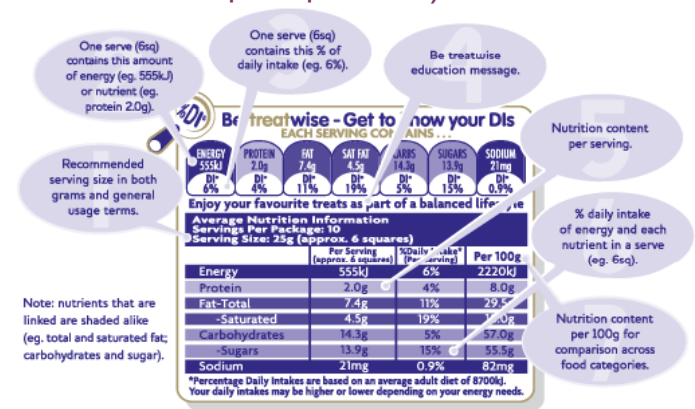
- To centralize nutritional data on branded processed foodstuffs, taking into account socio-economic parameters such as:
 - types of brand (national, retailer, discount brands and store brand-low price products)
 - market shares and prices
- To monitor the global nutritional and labelling changes in the food supply (nutrient content, ingredients, serving size, claims, ..)

- Collaborations with manufacturers

and retailers by food category are essential:

- To facilitate data collection
- To establish a relevant food classification
- To identify the relevant nutrients to study
- To validate the methods used to analyze data
- To determine the frequency of the monitoring

- Agreements with retailers to take pictures of the studied products.

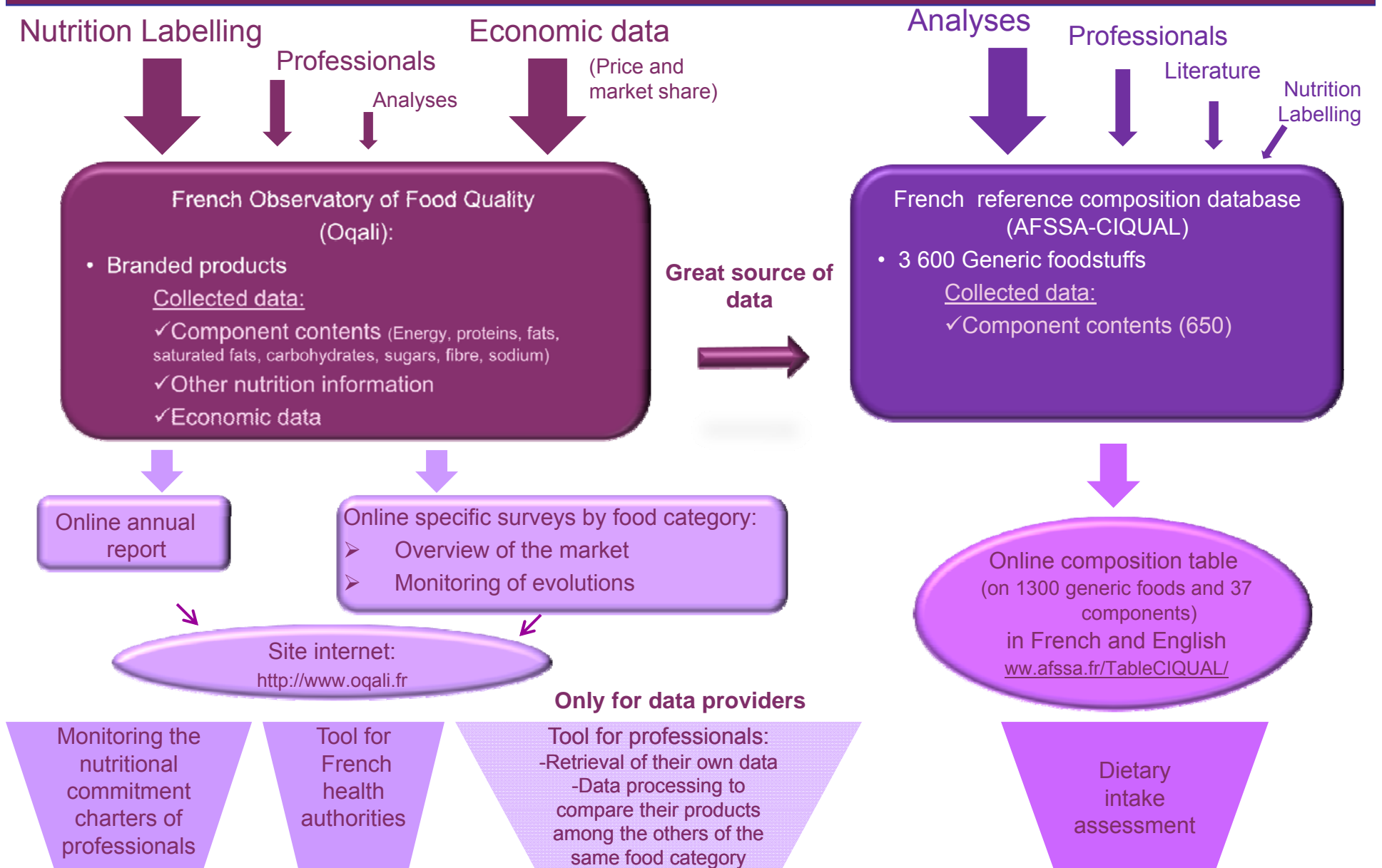


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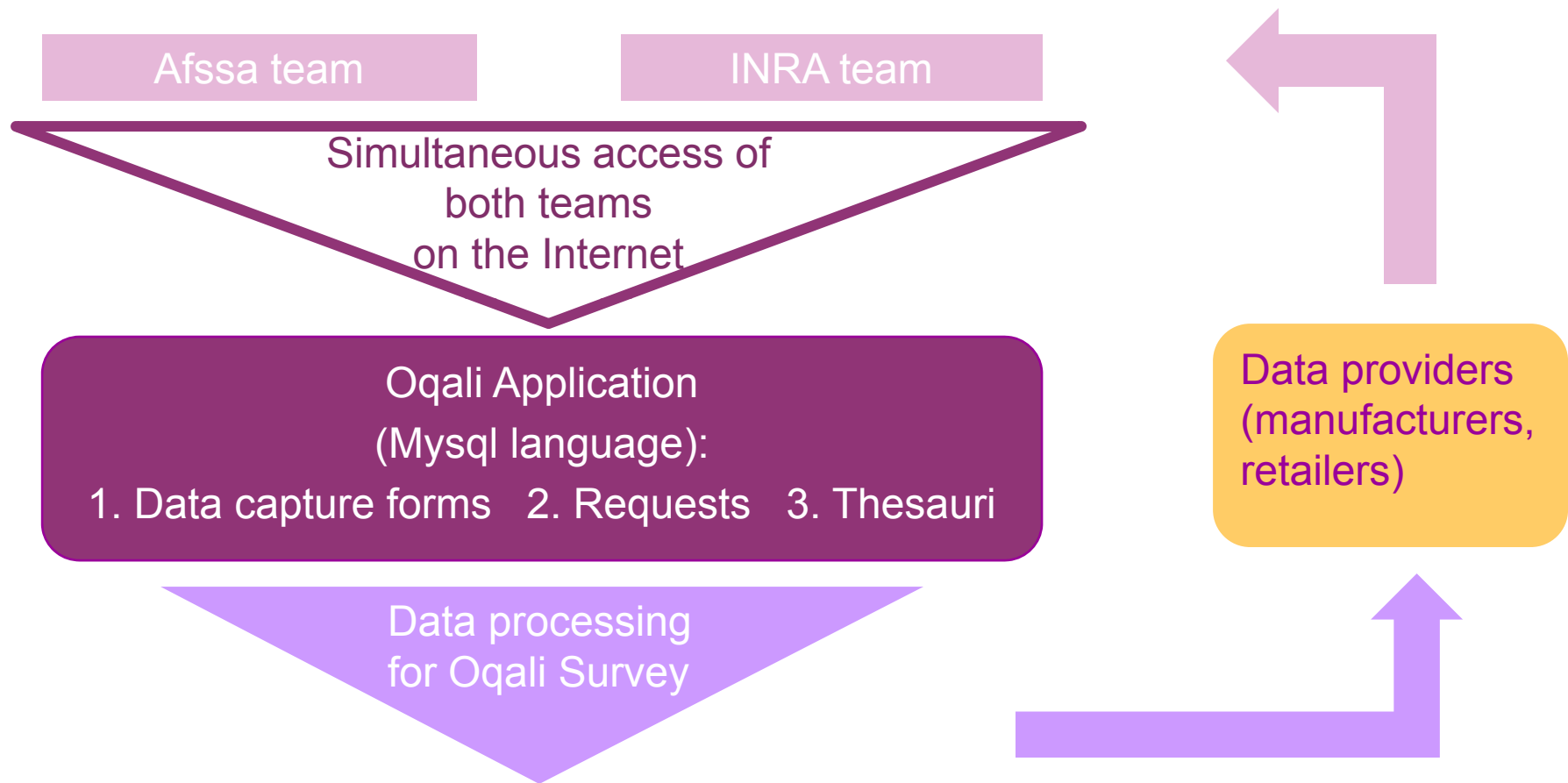


The originality of the Oqali database: at branded product level



The Oqali application : simultaneous data entry

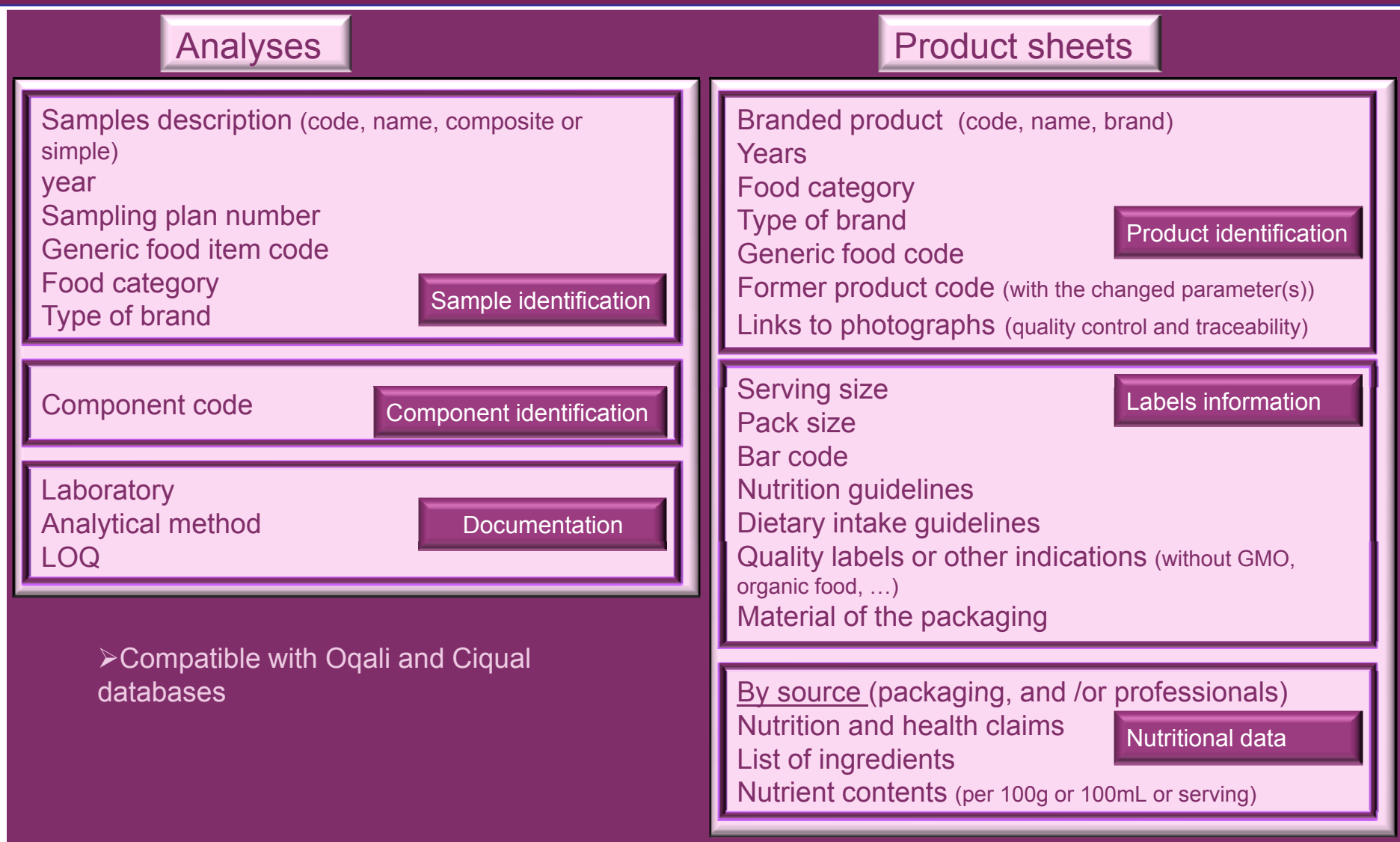
- Step 1: Intermediate Access database
- Step 2: Development of the Oqali application (operational at the end of 2009)



Database on branded product level: no general public access

- To guarantee data confidentiality

Structure and data of the Oqali database



➤ Studies by food category and type of brand

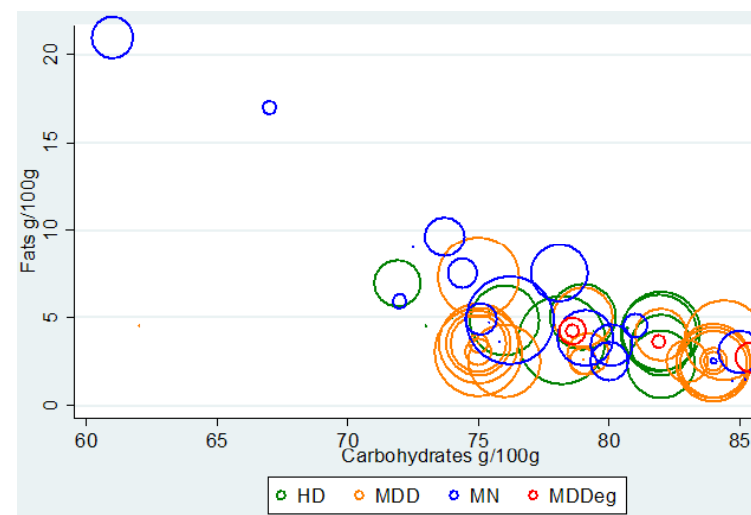
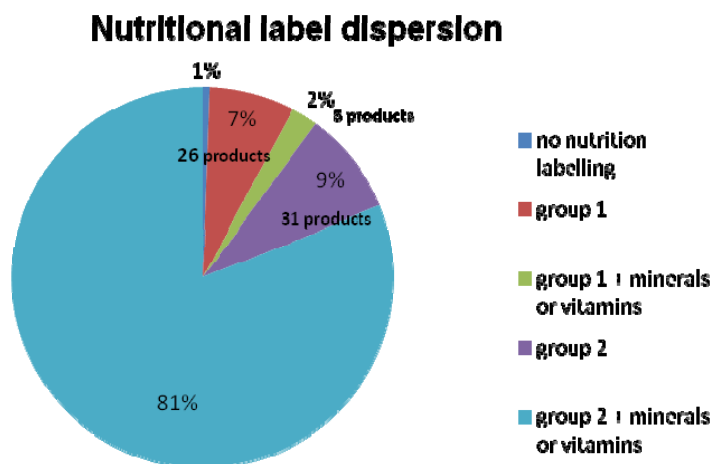
➤ Monitoring of the evolutions of products

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Data processing for Oqali surveys

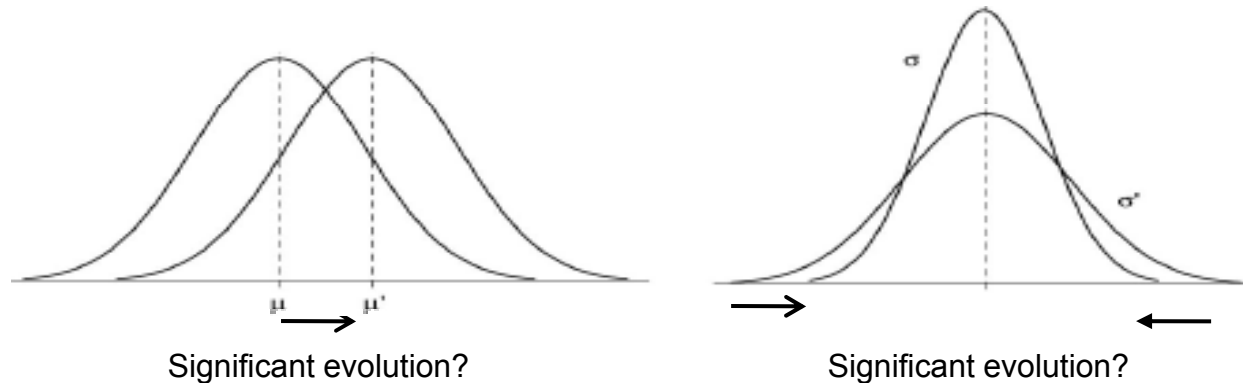
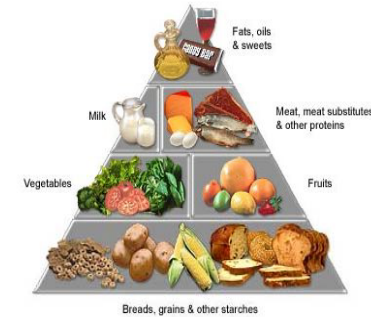
- Food categories studied in 2008:
 - 707 fresh dairy products, 355 breakfast cereals, 1118 biscuits.
- Data processing by food category and type of brand (national, retailer, discount brands and store brand-low price products):
 - Calculation of frequencies of information provided on the packaging (type of nutrition labelling, claims, nutrition guidelines, dietary intake guidelines)
 - Analysis of the nutritional variability
 - Monitoring of composition and labelling changes over time



Data processing for Oqali surveys

- **Development of new methodologies**

- Definition of food classifications based on nutrient composition , ingredients (e.g. : whole-milk, skimmed-milk ...) or food-processing
- Assessment of nutritional variability and evaluation of the number of samples or the required data to detect a significant evolution of the food composition
- Identification of the required statistical tests according to the types of collected data (e.g. : to detect evolutions in the means or the distributions of nutrient contents in a food category)



Data treatments for Oqali surveys

- In 2009 and 2010:
 - Improvement of the market coverage of the food categories already studied
 - Integration of new food categories:
 - Processed fruit products (stewed fruit, jams, canned fruit)
 - Bakery products
 - Chocolate products
 - Meat products
 - etc



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Communication on the Oqali project

- Leaflets



- Oqali website: <http://www.oqali.fr>

- Translation in English in progress
- Free download of annual reports and food category surveys
- To contact Oqali teams: oqali@ivry.inra.fr and oqali@afssa.fr

A screenshot of the Oqali website homepage. The header includes logos for the French Republic, AFSSA (Agence Française de Sécurité Sanitaire des Aliments), and INRA (Institut National de la Recherche Agronomique). The main navigation menu on the left lists: Découvrir l'Oqali, Base de données Oqali, Partenaires, Secteurs suivis - 2008, Publications Oqali, Documentation, Lexique, Contacts, Espace professionnels, and Liens utiles. The main content area features the title 'Observatoire de la qualité de l'alimentation' and a section for 'Actualités' (News). The news section contains three items: 1) 'L'Observatoire de la qualité de l'alimentation (Oqali), prévu par le Programme national nutrition santé 2006-2010 (PNNS 2), a été créé en février 2008 par les ministères chargés de l'agriculture, de la santé et de la consommation (communiqué de presse du 11 février 2008). Cet observatoire a pour missions de centraliser et traiter les données nutritionnelles, économiques et socio-économiques de l'alimentation afin d'assurer un suivi de l'offre alimentaire des produits transformés.' 2) 'La mise en œuvre de l'Oqali est confiée à l'INRA (Institut national de la recherche agronomique) et à l'Afssa (Agence française de sécurité sanitaire des aliments).' 3) 'The French Observatory of Food Quality sera présenté au "8th International Food Data Conference" (8th IFDC), à Bangkok (Thaïlande) du 1er au 3 octobre 2009 et au "19th International Congress of Nutrition" (ICN 2009), à Bangkok du 4 au 9 octobre 2009.' 4) 'L'Oqali a présenté ses travaux au "3rd International EuroFIR Congress" à Vienne (Autriche) du 8 au 10 septembre 2009. Tous les documents à la page "Publications Oqali", rubrique "Colloques".' 5) 'The English version of the website will be available soon. La version anglaise du site sera bientôt disponible.'

Oqali abstracts or publications:

The French observatory of food quality, R GOGLIA, M SPITERI, C MENARD, B LABARBE, P COMBRIS, LG SOLER, JL VOLATIER, Eurofir, Vienne, 2009
The French observatory of food quality, R GOGLIA, C MENARD, LG SOLER, JL VOLATIER, ICN, Bangkok, 2009



THANK YOU FOR YOUR ATTENTION



From left to right:

1^{er} row : Jean-Luc Volatier (Afssa), Céline Dumas (Afssa), Céline Ménard (Afssa), Christine Boizot-Szantai (Inra), Maiwenn Devay (Afssa), Nadège Gillot (Afssa).

2^e row : Louis-Georges Soler (Inra), Marion Henini (Inra), Raffaella Goglia (Inra), Marine Spiteri (Inra), Benoit Labarbe (Afssa), Pierre Combris (Inra), Florence Stévenin (Inra), Lydie Traventhal (Afssa).