



**An FP7-ICT CSA project lead by OPTITEC in Marseille**

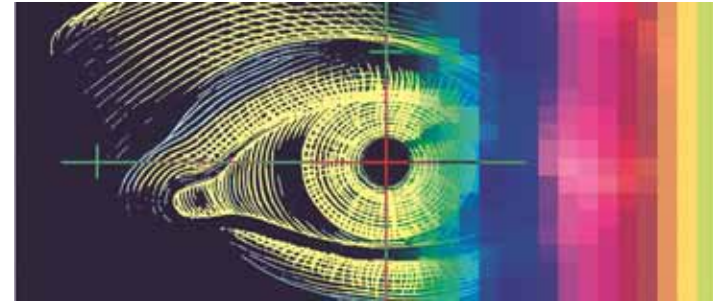
Coordinator: Marie Lhoutellier

Presented by: Dick Sterenborg PhotonicsNL/AMC Amsterdam

IOP Symposium NEMO Amsterdam 20-11-2014

# Outline

- The project
- Key objectives
- Concept of OASIS
- What is in it for you?
- Conclusions



# The OASIS Project



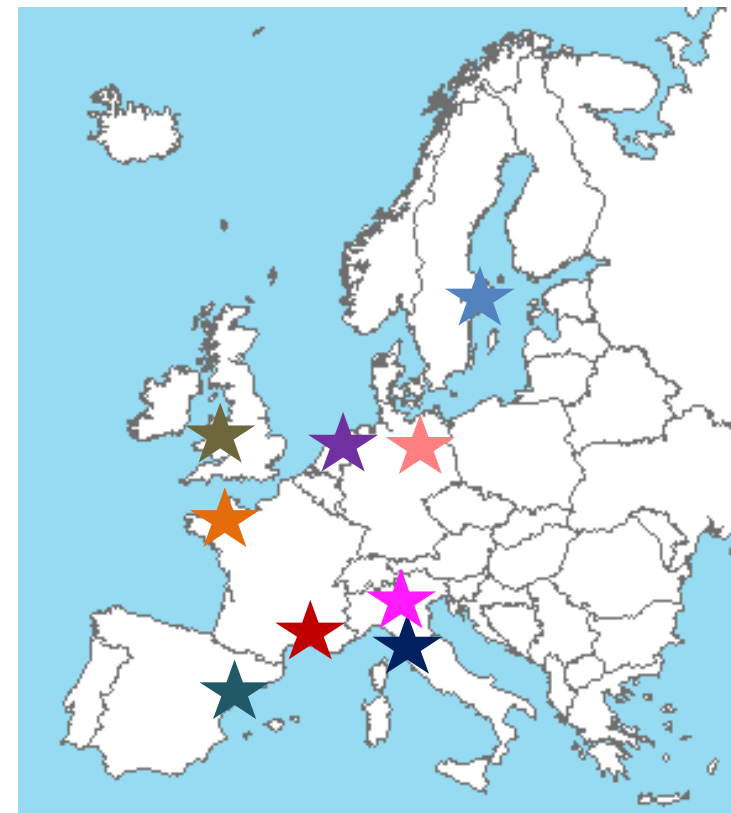
- Coordination and Support Action (CSA) project from FP7-ICT-2013-11 objective 3.2 Photonics.
- 9 Photonics clusters involved in the project
- 7 different countries
- Duration : 30 Months
- Starting date : December 2013
- End date: May 2016
- Coordination: Marie Lhoutellier, OPTITEC



# The Consortium of OASIS

Partners from 7 countries representing 70% of the former EC's investments in biophotonics

- ★ OPTITEC (coordinator) – France
- ★ OPTOSCANA – Italy
- ★ PHOTONICSWEDEN – Sweden
- ★ OPTECBB – Germany
- ★ POLITECNICO DI MILANO – Italy
- ★ SECPHO – Spain
- ★ PCN – Netherlands
- ★ PHOTONICS BRETAGNE – France
- ★ SWANSEA UNIVERSITY - UK



# Key Objectives of OASIS (1)



Improved **toolbox and services** for **biophotonics** facilities,  
for an improved technology transfer:

Improved efficiency of  **SMEs' R&D and market impact**  
**public funding**

**Efficient appropriation**  
**by hospitals and industrials**  **of emerging technologies**  
**Strengthened supply-chain**

## Key Objectives of OASIS (2)



Improving **toolbox and services** for **biophotonics** facilities – from science to business

- KO1: Improve SMEs R&D efficiency and market impact.
- KO2: Improve efficiency of public funding.
- KO3: Help hospitals and industrials in a fast and efficient appropriation of the new techniques.
- KO4: Strengthen the supply-chain for emerging technologies.

# Societal challenges in OASIS

## Healthcare in an Ageing Society



## Safer & Healthier Food

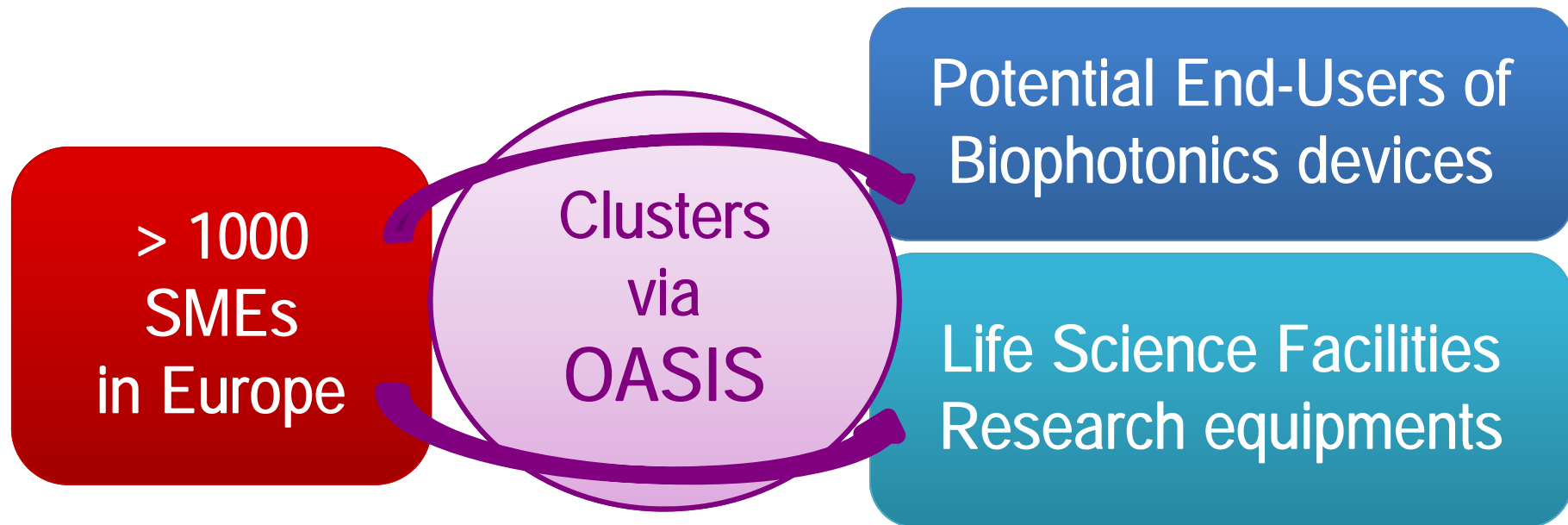


# Concept of OASIS (1)

Main hinder today: Missing knowledge about users' needs and about the potential of biophotonic technology

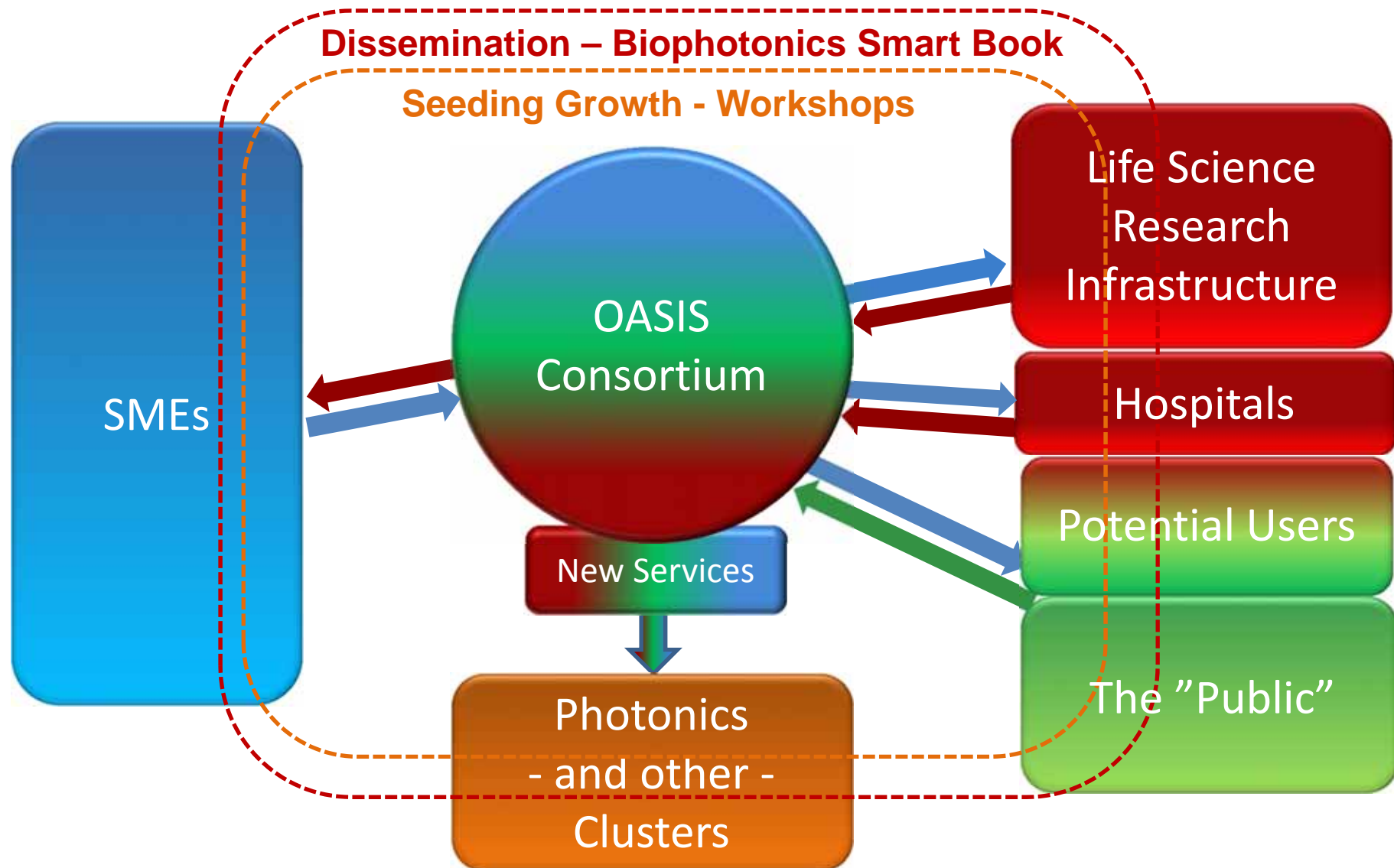


Link SMEs to experts and users of life science equipment





# Concept of OASIS (2)



# Workshop: Rennes 20 Jan 2015



## Objectives of the workshop:

- Exchange about the Smart Specialization Strategy (S3) of each OASIS region / country
- Presentation of local Biofacilities (Flow Cytometry, Bio-Imaging and MRI) with a focus on their specific needs in Photonics (e.g. laser sources, fiber sensors)
- Presentation of SMEs with a focus on Photonics applied to Flow Cytometry, Bio-Imagery and MRI
- Networking and B2B

## Tentative Agenda:

### *Welcome*

09:30 – 09:45 Registration, Coffee

09:45 – 10:00 Welcome and Introduction

### *OASIS project and the S3 (Smart Specialisation Strategy)*

10:00 – 10:10 OASIS presentation

10:10 – 10:20 What regional/national S3? (1min per partner)

### *Getting to know the SMEs (1st part)*

10:20 – 10:45 SME presentations (5x5mins)

### *Getting to know the Bio-facilities (2nd part)*

11:05 – 11:25 Bio-facilities presentation (2x10mins)

11:25 – 12:30 Visit to the H2P2 lab

### *Networking*

12:30 – 13:45 Lunch

### *Getting to know the Bio-facilities (2nd part)*

13:45 – 14:00 PRISM Bio-facility presentation (10mins)

14:00 – 15:00 Visit to the PRISM platform

### *Getting to know the SMEs (2nd part)*

15:15 – 15:45 SME presentation

### *Networking*

15:45 – 16:45 Coffee break - Free B2B

16:45 – 17:00 Wrap up – End of the Workshop

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# What's in OASIS for your Cluster?

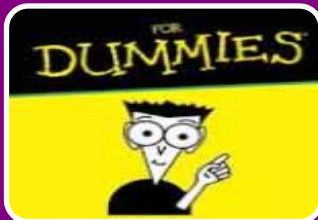
« OASIS package » to be used by every cluster



Website + database of facilities and experts



Services developed by the OASIS partners



Handbook of success stories in Biophotonics products presenting

# Summary - Conclusions

OASIS comes timely considering the biophotonics market development

Biophotonics SMEs will benefit from a strong cooperation of European Clusters

Photonic Clusters, lab infrastructures or SMEs: interact much with OASIS for a greater success!

Contact: Guus Taminiau <[guus.taminiau@photonicsnl.org](mailto:guus.taminiau@photonicsnl.org)>

