

BROKERAGE EVENT
ENERGY EFFICIENCY TOPICS IN H2020
PROJECT COORDINATOR EXPERIENCE
Pascale BRASSIER





WHO WE ARE



FRENCH PRIVATE CENTER OF APPLIED RESEARCH (RTO) SPECIALIZED IN SUSTAINABLE CONSTRUCTION, ARCHITECTURE AND URBAN PLANNING

LABELLED NATIONAL INSTITUTE FOR THE ENERGY AND ENVIRONMENTAL TRANSITION (ITE) OF THE BUILDING SECTOR BY THE PROGRAM INVESTMENTS IN THE FUTURE (2013) OF THE FRENCH GOVERNMENT.





OUR TEAM

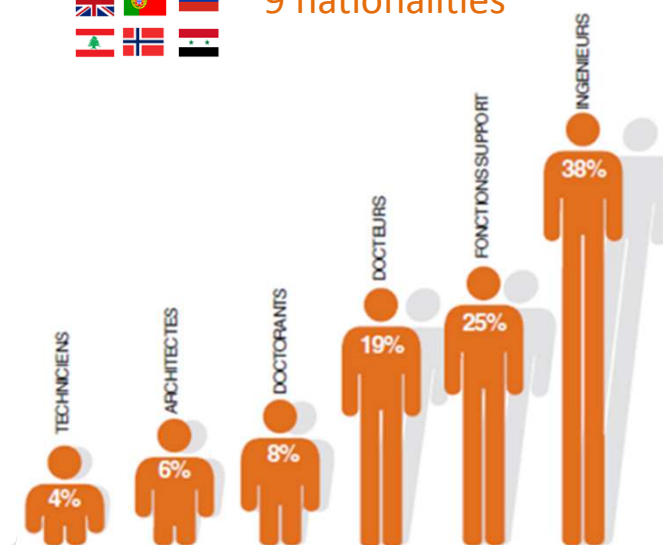
MULTI DISCIPLINARY EXPERTS ON BUILDINGS, FROM BASIC RESEARCH TO INNOVATIVE OPERATIONS



65 employees



9 nationalities





OUR MISSION

SUPPORT THE VALUE CHAIN OF THE BUILDING INDUSTRY
TOWARDS AN ENERGY AND ENVIRONMENTAL TRANSITION

Sustainable buildings

- Accelerate the massive uptake of the **energy refurbishment**, at affordable cost, of a mostly old and energy intensive building stock
- Design new buildings with improved **energy and environmental performances** and improved sanitary installations (air/water quality,...), during their whole life cycle and at affordable cost
- Better control the energy consumption linked to the **behavior** of the inhabitants and users (30% of the overall consumption)

Sustainable districts

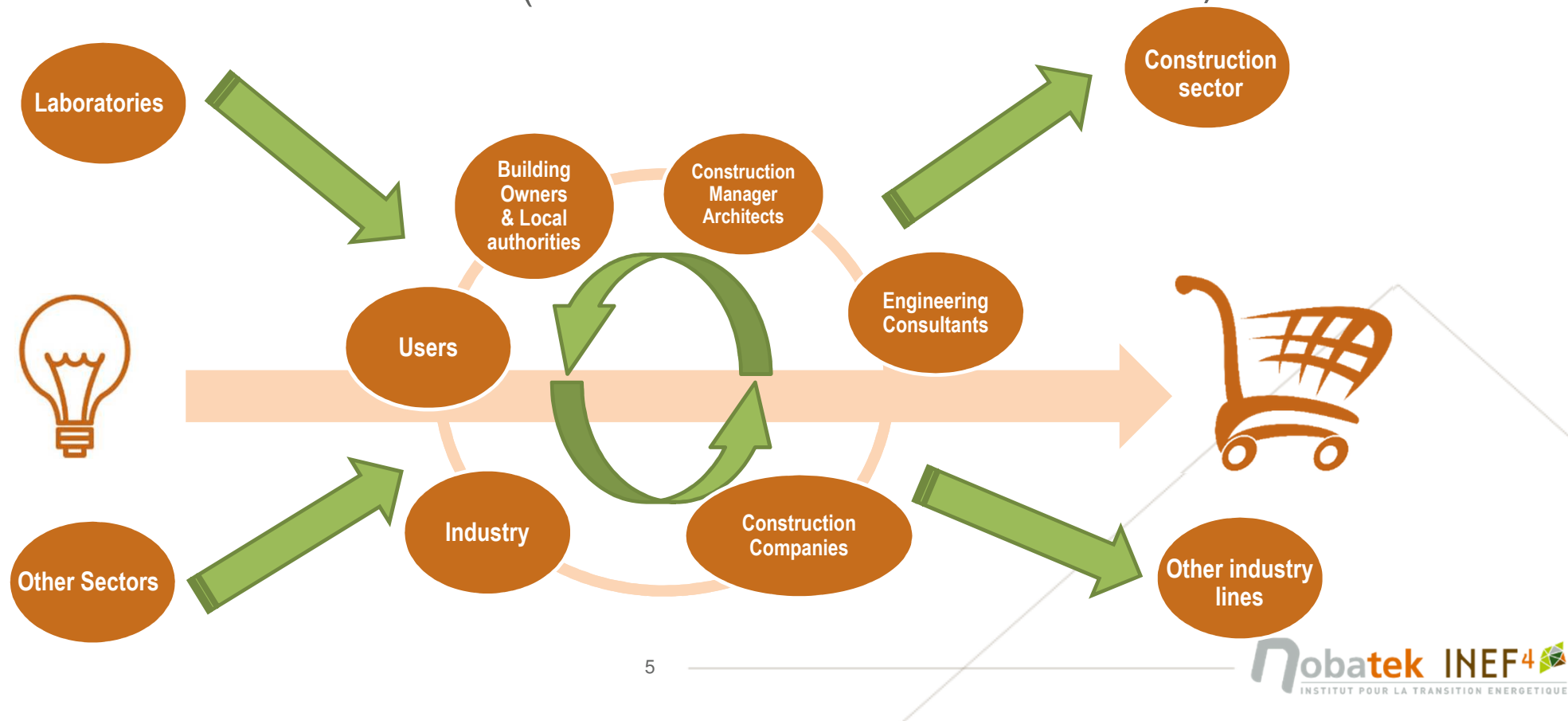
- Consider **the environmental and societal impact** of buildings and districts
- Improve the **resilience** of urban systems in the face of major climatic, sanitary and societal risks
- Improve **the living environment and the quality of life** of urban dwellers and reintegrate **biodiversity**

Scé: Plan Bâtiment Durable, rapport d'activité 2015

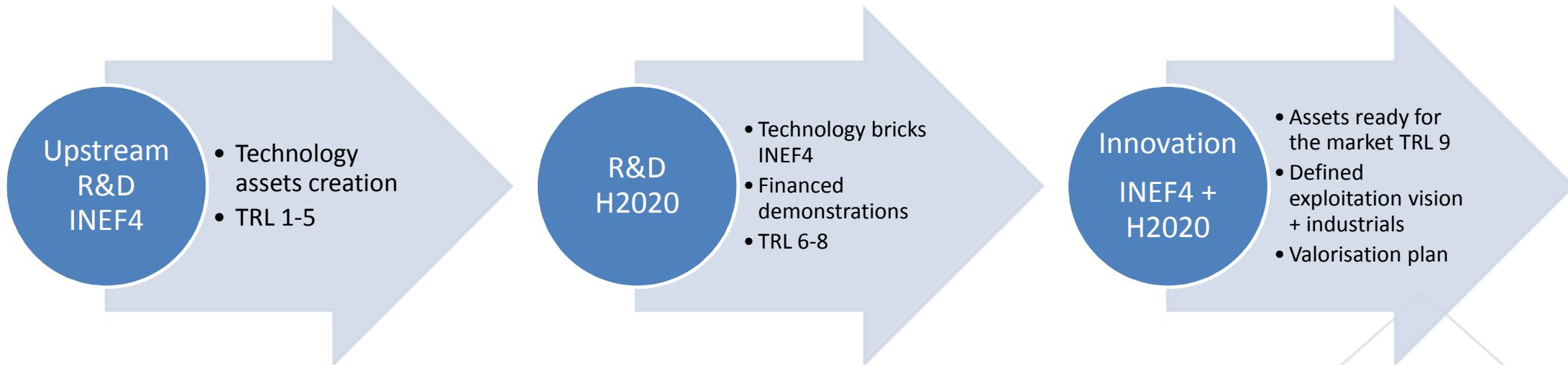


OUR PROFESSION / OUR APPROACH

ACCELERATE INNOVATION FROM THE IDEA TO THE MARKET /
OPEN INNOVATION (CONSTRUCTION VALUE CHAIN)



OPEN INNOVATION INEF4 + H2020

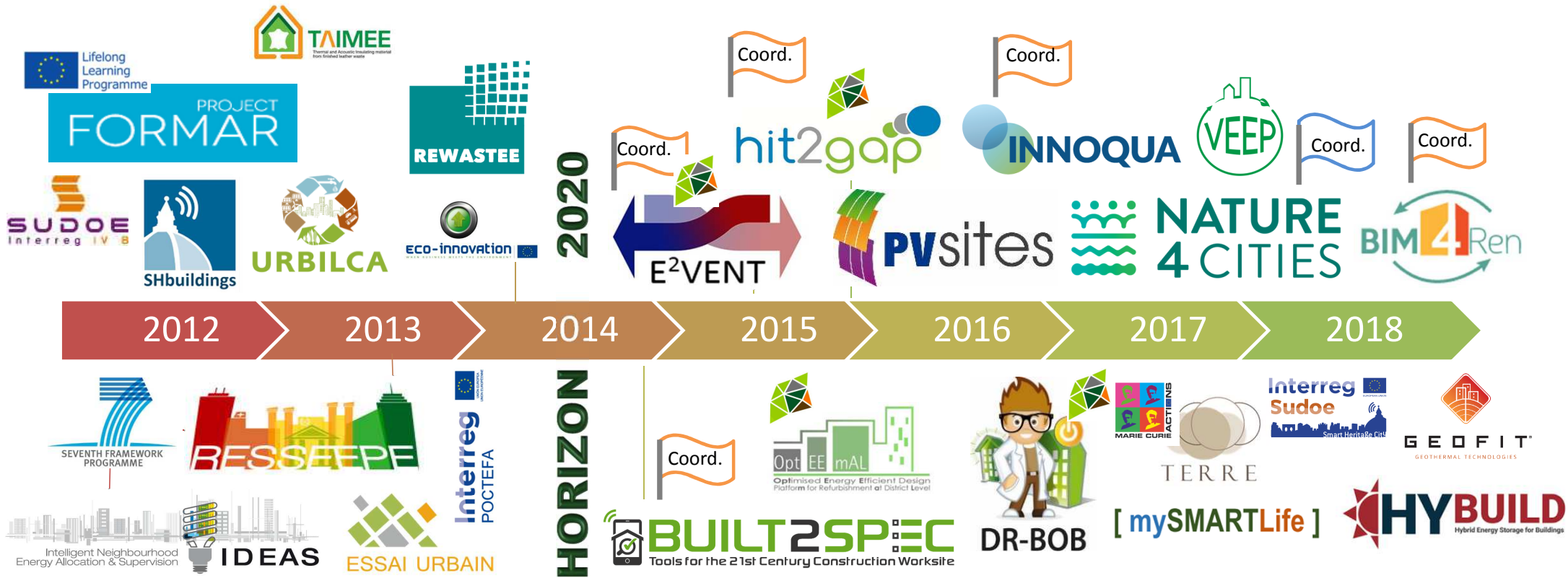


H2020 projects → Robust TRL increase targeting European markets

EUROPEAN RESEARCH



H2020: RTO leader on Energy-efficient buildings



15 ongoing grants (6 as coordinator) / Leader on Energy-Efficient Buildings PPP

H2020: 130 M€ in grants, 40 of them in projects as coordinators

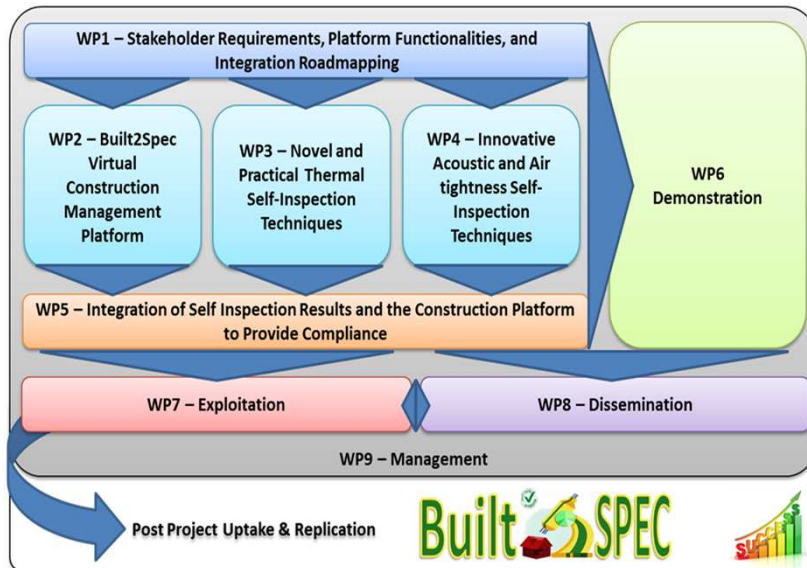




H2020 EEB PPP 2014 PROJECT (COORDINATION)

Topic: **H2020 EeB.2014-3**: Development of new self-inspection techniques and quality check measures for efficient construction processes

Built to Specifications :
Tools for the 21st Century Construction Site



Participant	Participant organisation name	Short Name	Org. type	Country
1	Nobatek-INEF4 (Coordinator)	NBK	RTO	FR
2	ENSA Nantes	ENSAN	UNI	FR
3	I2M-Université de Bordeaux	I2M	UNI	FR
4	Blue Industry and Science	BLUE	SME	FR
5	LogiRep	LOG	SHO	FR
6	Passive House Institute	PHI	SME	DE
7	VRM Technology	VRM	SME	UK
8	Lakehouse Contracts Ltd	LAKE	LE	UK
9	Nottingham University	UNOTT	UNI	UK
10	BSRIA Ltd	BSRIA	SME	UK
11	Netherlands Org. for Applied Scientific Research	TNO	RTO	NL
12	ETH Zurich	ETH	RTO	CH
13	Obrascon Huarte Lain	OHL	LE	ES
14	ASCAMM (EURECAT)	ASC	RTO	ES
15	Funitec LaSalle University	FUNI	UNI	ES
16	DeCinque Construction Group	DE5	SME	IT
17	R2M Solution	R2M	SME	IT
18	EcoFix Ltd	EFIX	SME	IE
19	Oran Pre-Cast Ltd	ORAN	SME	IE
20	National University Ireland Galway	NUIG	UNI	IE



Budget: 6 M€



H2020 EEB 2015 PROJECT (COORDINATION)

Project title: HIT2GAP (**H**ighly **I**nnovative building control **T**ools **T**ackling the energy performance **G**AP)



Topic: EeB 7 – 2015 – H2020 New tools and methodologies to reduce the gap between predicted and actual energy performances at the level of buildings and blocks of buildings

Instrument: Innovation Action

EC contribution: 6,675 M€

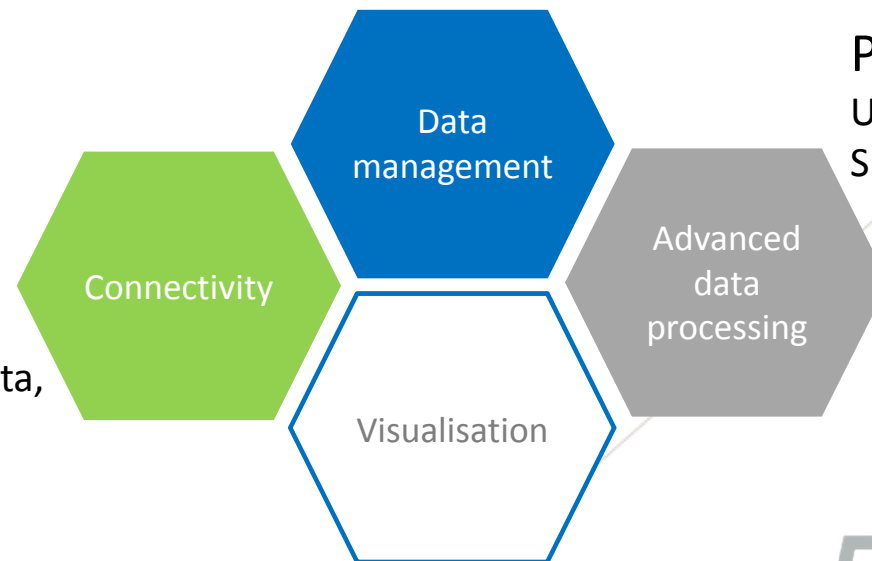
Start and End dates: 01/09/2015 – 31/08/2019

Project Website: www.hit2gap.eu

KeyWords: Energy Performance Gap, building data, simulation, BMS, occupants behavior modelling, operational phase, platform, data analytics.



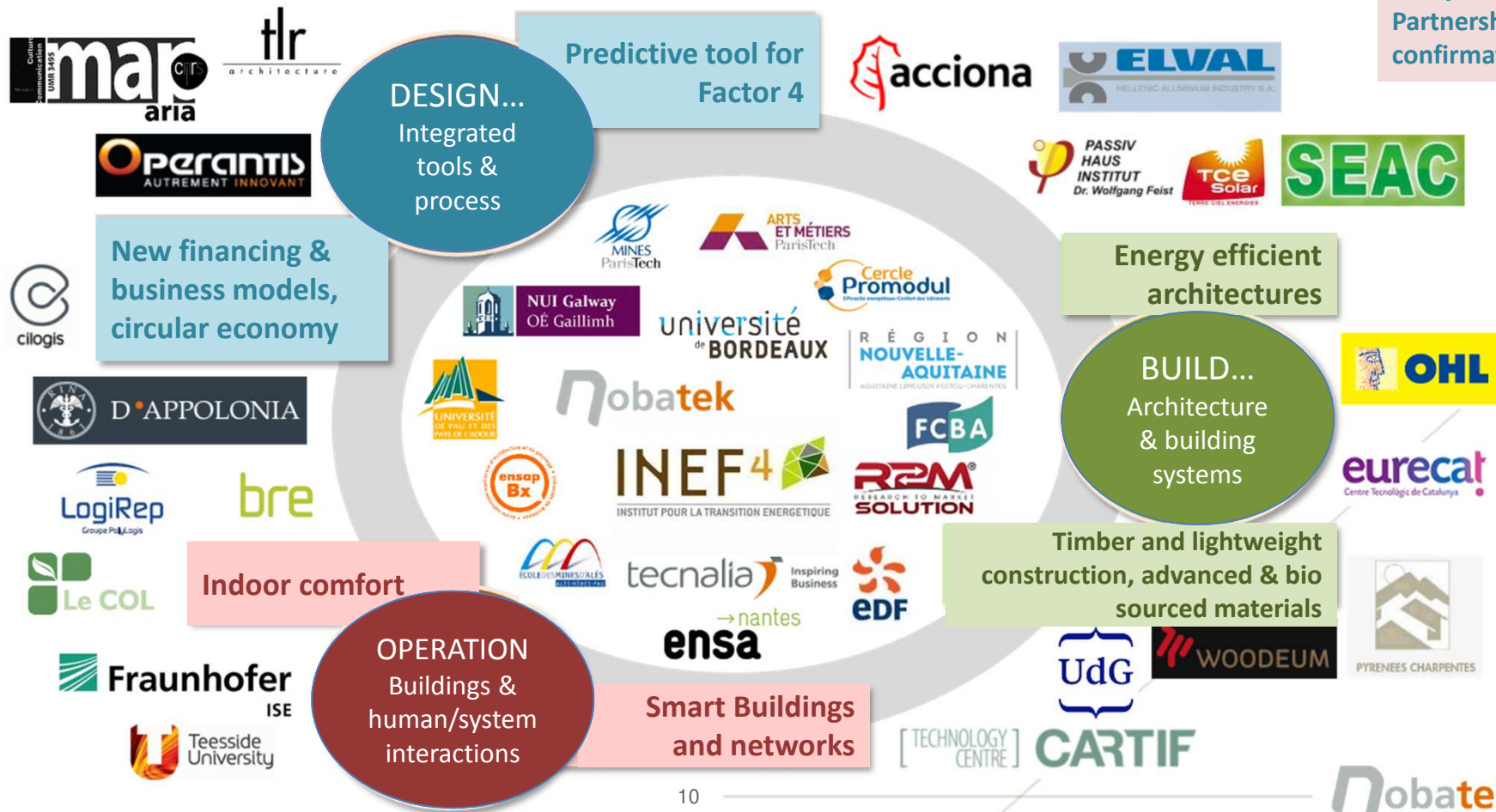
Partners (5 RTO, 5 Universities, 4 IND, 7 SME, 1 GOV)



AN EXTENDED ECOSYSTEM AT EUROPEAN LEVEL

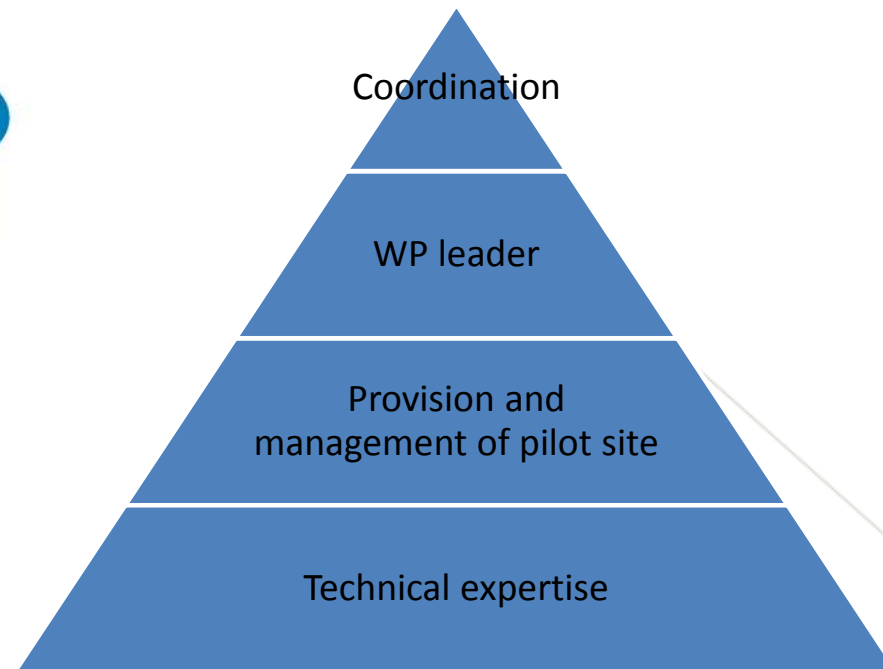
MORE THAN 250 PARTNERS

Partial snapshot of the ecosystem
Partnerships under confirmation



MY OWN PREVIOUS EXPERIENCES IN EUROPEAN PROJECTS

Several kinds of engagement



Most of my working time spent on European Projects activities

In charge of a team focused on monitoring, data analytics and software developments





BEST PRACTICES IN PROPOSAL PREPARATION





TARGET A CALL



- **Topic in line with your expertise but also...**
- **A way to learn and expand the boundary of your expertise**
- **Networking and information sharing activities are mandatory**
- **Build a new proposal on the basis of past European projects (integrate/aggregate technology assets) is well perceived by the reviewers**





HOW TO ORGANISE BEFORE?

Depending on whether you have been already participating in European projects or not, the practices can differ:

- Fetch information (<http://www.horizon2020.gouv.fr/>)
- Participate in National and European events
 - Such as the one organised today
 - Info Days in Brussels (Exchange with PO + networking)
- Connect on technological exchange platforms (ECTP platform for the EeB PPP, European Construction, built environment and energy efficient building Technology Platform)
- Use Regional and National support (NCP, shared offices in Brussels...)
- Take advantage of your company's networks (customers, partners can make easier your involvement)



ONCE YOU GET INTO THE WHOLE PROCESS

- **Start with a minor role within a first project**
- **Be actively engaged in the first proposal preparation: Coordinators do appreciate support and active partners → be ready:**
 - PIC number registered,
 - Man-month rate calculated,
 - Background and team/company presentation
- **10% (maximum) of the proposals are successful (depending on targeted topics)**

The screenshot shows the 'RESEARCH & INNOVATION Participant Portal' website. The header includes the European Commission logo and navigation links like 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'EXPERTS', and 'SUPPORT'. A search bar is visible in the top right. The main content area features a 'Horizon 2020 Funding' banner with the text 'Starting from 1/1/2014'. Below this, there is a section titled 'On this site you can find and secure funding for projects under the following EU programmes:' listing various programs like Horizon 2020, FP7, and others. There are also sections for 'Non-registered users' and 'Registered users' with their respective actions. At the bottom, there is a row of six icons representing different user paths: 'WHAT'S NEW?', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'WORK AS AN EXPERT', 'MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'.



HIGH PRIORITY ON THE CONSORTIUM



- **Size:** suited to the budget, <!=> difficulties to manage large consortium, include the whole value chain
- **Balanced consortium:** academic/large and small enterprises/RTOs/associations... TRL4 →TRL 7-8
- **Built on merits:**
 - proven track record on the specific tasks appointed to the partner,
 - do not hesitate to build a consortium even if only a few partners are acquainted to each other at the start of collaboration



PROJECT COORDINATOR'S MISSIONS



12 KEY RESPONSIBILITIES FOR HORIZON 2020 PROJECT COORDINATOR

1. Act as the intermediary for all **communications** between the beneficiaries and the EC
2. **Monitor** and **control** the project's work plan and that the action is implemented properly
3. Arrange consortium meetings and subsequent reporting
4. Implement **quality procedures** for the project
5. Gather, monitor and consolidate scientific and technical content of **periodical reports**
6. Prepare, manage and coordinate project's financial checks
7. Administration of project resources including budget-related issues
8. **Financial management** including distribution of payments to the beneficiaries
9. Facilitate communication within the consortium on administrative matters
10. Handle outstanding **administrative issues** like contract amendments
11. Consolidate project's deliverables and reports and maintain Quality Assurance including **submission to the EC**
12. Provision of a project management electronic platform



IN A MORE PRACTICAL WAY

- **Interface with the project officer: establish a good working relationship**
- **The attention, cooperation and contribution of all involved partners is essential** → be constantly active and keep a fluent and open communication channel between all parties while closely monitoring the project's progress in order to ensure its smooth implementation.
- **Include sufficient expertise in financial management**
- **Propose a collaborative and exchange platform apart from SyGMA to internally manage the project**
- **Be prepared for changes in consortium composition** (~1/3 of all consortia change at least one partner during the execution of the project)

The screenshot displays a project management dashboard for 'HIT2GAP'. The top navigation bar includes 'Desktop', 'Project Settings', 'Account Settings', and 'Create new project'. The main content area is divided into several sections: 'Project Overview' showing the project name 'HIT2GAP' and a welcome message for 'Mrs. Pascale Brassier'; 'Project Details' listing tasks and their descriptions; 'Your Contractor (Coordinator)' as 'NBK | NOBATEK'; 'You are Leader in' with a list of tasks and their descriptions; 'Upcoming Events' with a calendar view showing dates and event details; and a bottom navigation bar with 'Collaboration', 'Documents', 'Calendar', 'Support', and a timestamp '1:01:53'.

ADMINISTRATIVE COORDINATION

- Grant agreement preparation and signature (contract with the EC)
- Consortium agreement preparation and signature (contract between partners)
- Update the participant portal
- Identify when amendment are necessary, launch and conduct the amendments (Be prepared for changes in consortium composition)

<!>Between the acceptance of the project and the signature of the GA, improve the proposal

The screenshot shows the Horizon 2020 Participant Portal website. The header includes the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. Below the header is a navigation menu with links for HOME, FUNDING OPPORTUNITIES, HOW TO PARTICIPATE, PROJECTS & RESULTS, EXPERTS, and SUPPORT. There are also buttons for LOGIN and REGISTER. The main content area features a 'Horizon 2020 Funding' banner with the text 'Starting from 1/1/2014'. Below the banner, there is a section titled 'On this site you can find and secure funding for projects under the following EU programmes:' followed by a list of programmes. There are also sections for 'Non-registered users' and 'Registered users' with their respective actions. At the bottom, there is a row of six icons representing different services: WHAT'S NEW?, FUNDING OPPORTUNITIES, HOW TO PARTICIPATE, WORK AS AN EXPERT, MY PERSONAL AREA, and INFORMATION AND SUPPORT. The footer includes the text '© European Commission'.



CONCERNING FINANCIAL MANAGEMENT

- **Budget assigned to each partner at the beginning of the project is an estimation.**
- **The funding assigned by the Commission is for the project as a whole, not for each partner individually, and has to be treated as such**
- **Detect early as possible if some work has been overestimated, or on the contrary, if the needed efforts have been underestimated, or did not include important concepts**



OPERATIONAL AND TECHNICAL MANAGEMENT

PROJECT COORDINATOR

Technical Director

Pilot
Manager

Innovation
Manager

Communi-
cation
Manager

WP1
leader

WP2
leader

WP3
leader

WP4
leader

WP5
leader

WP6
leader

WP7
leader

- **Project Management Team (chaired by the Coordinator)**
- **Operational body for the execution of the Project**
- **Responsible for monitoring the technical progress of the project, quality assurance, and the day-to-day management of scientific and technological activities**



THANK YOU

Pascale BRASSIER

pbrassier@nobatek.com

+33 6 09 39 72 23

