



*Innovation Funding and Support for SMEs of
the Built Environment Sector*



*Open Innovation Test Beds for the
European Construction Sector*

Structuring the European Construction sector Innovation Ecosystem with METABUILDING & MBLabs

ECTP CONFERENCE 2021 – Key note

Germain Adell, NOBATEK/INEF4 Deputy Director

Metabuilding & Metabuilding labs coordinator

02/12/2021



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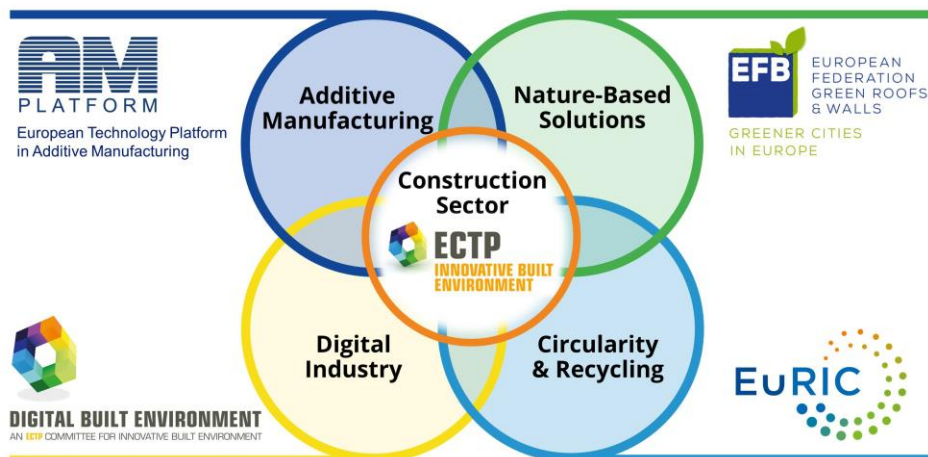


METABUILDING & MBLabs
Two H2020 projects,
One Ecosystem,
One Digital Platform,
One Open Innovation Test Bed
+ 3,75 M€ funding for SMEs

METABUILDING + METABUILDING LABS: comprehensive innovation support for SMEs & ecosystem consolidation



Unleashing the Innovation Potential of EU Construction SMEs



H2020-INNOSUP-2018-2020

- 16 partners
- 5 M € total funding
- 3,75 M€ direct support for SMEs (cascade funding)

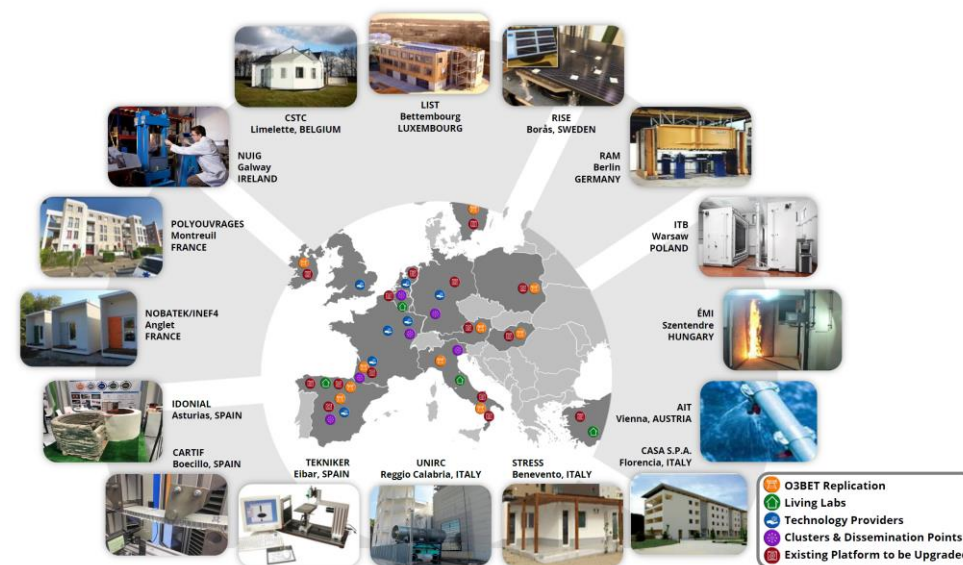


13 countries



EU wide network of Testing facilities & Innovation services for new building envelope technologies & products

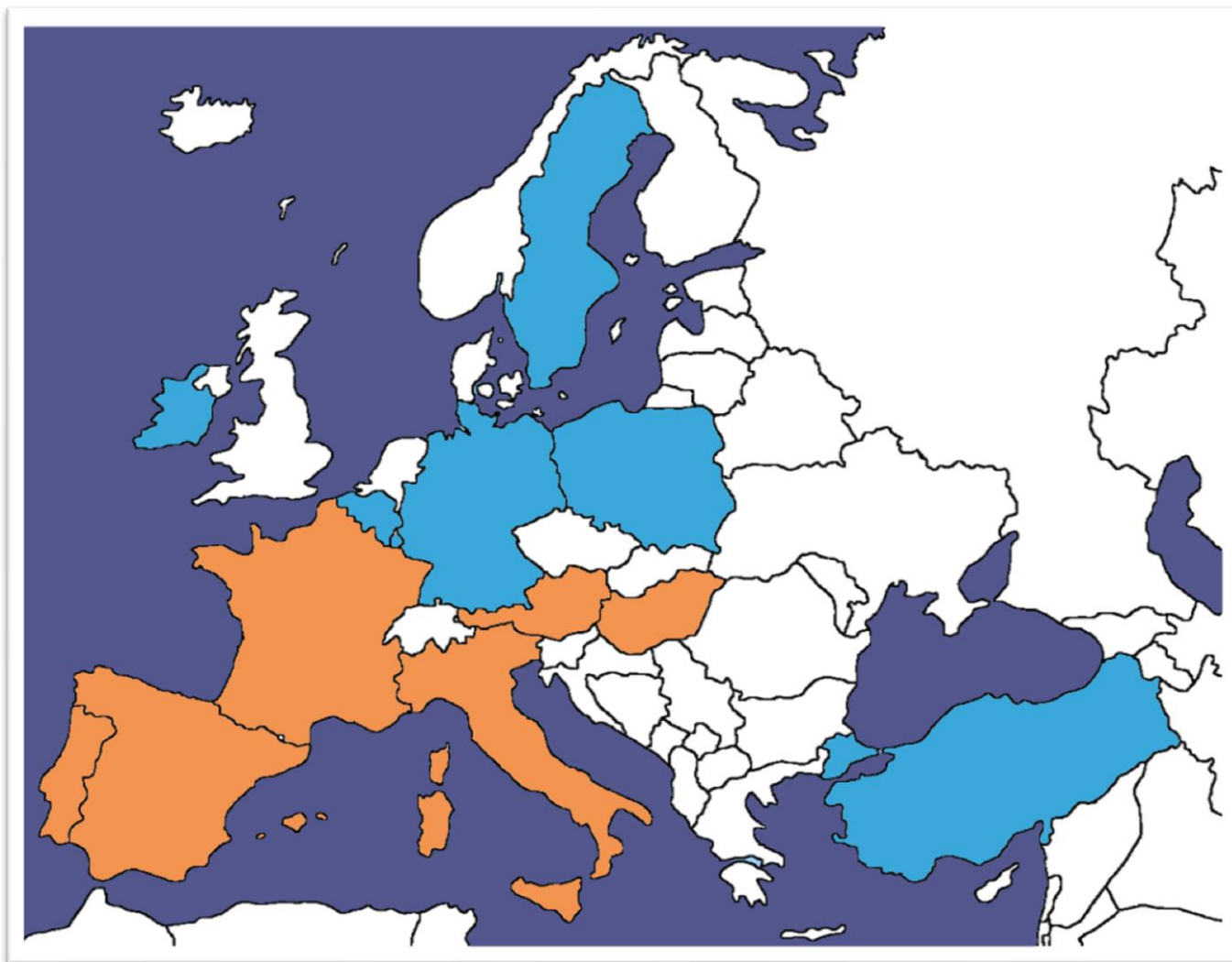
+100 TESTING FACILITIES FOR BUILDING ENVELOPES



H2020-DT-NMBP-05-2020

- 40 partners
- 15 M € total funding

METABUILDING + METABUILDING LABS: 13 countries towards a connected ecosystem



METABUILDING + METABUILDING LABS: 13 countries towards a connected ecosystem



metabuilding



metabuilding
labs

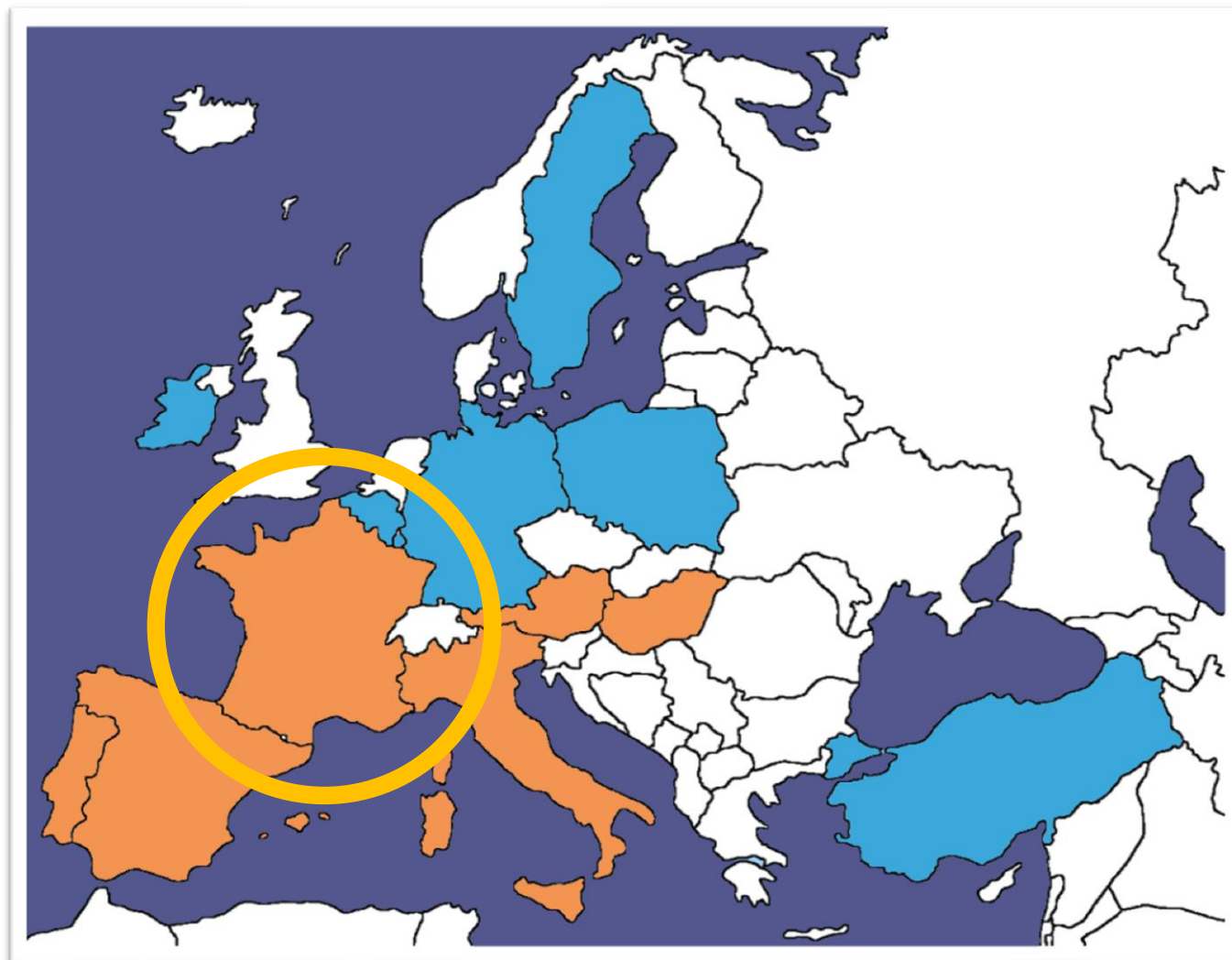


ECOSYSTEM EXPANSION

We want to add more countries
We can help you apply for specific funding



METABUILDING + METABUILDING LABS: 13 countries towards a connected ecosystem



The French Construction Sector Innovation Ecosystem

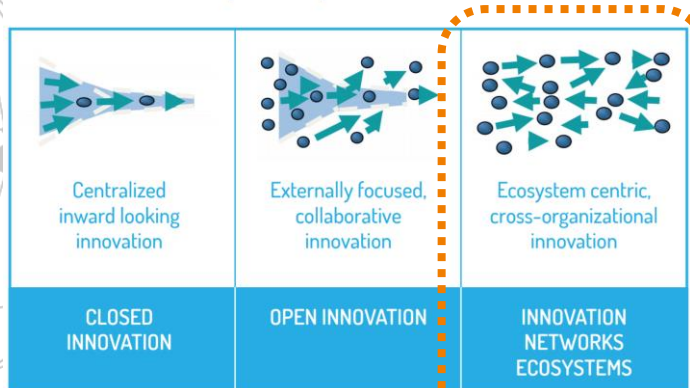


metabuilding

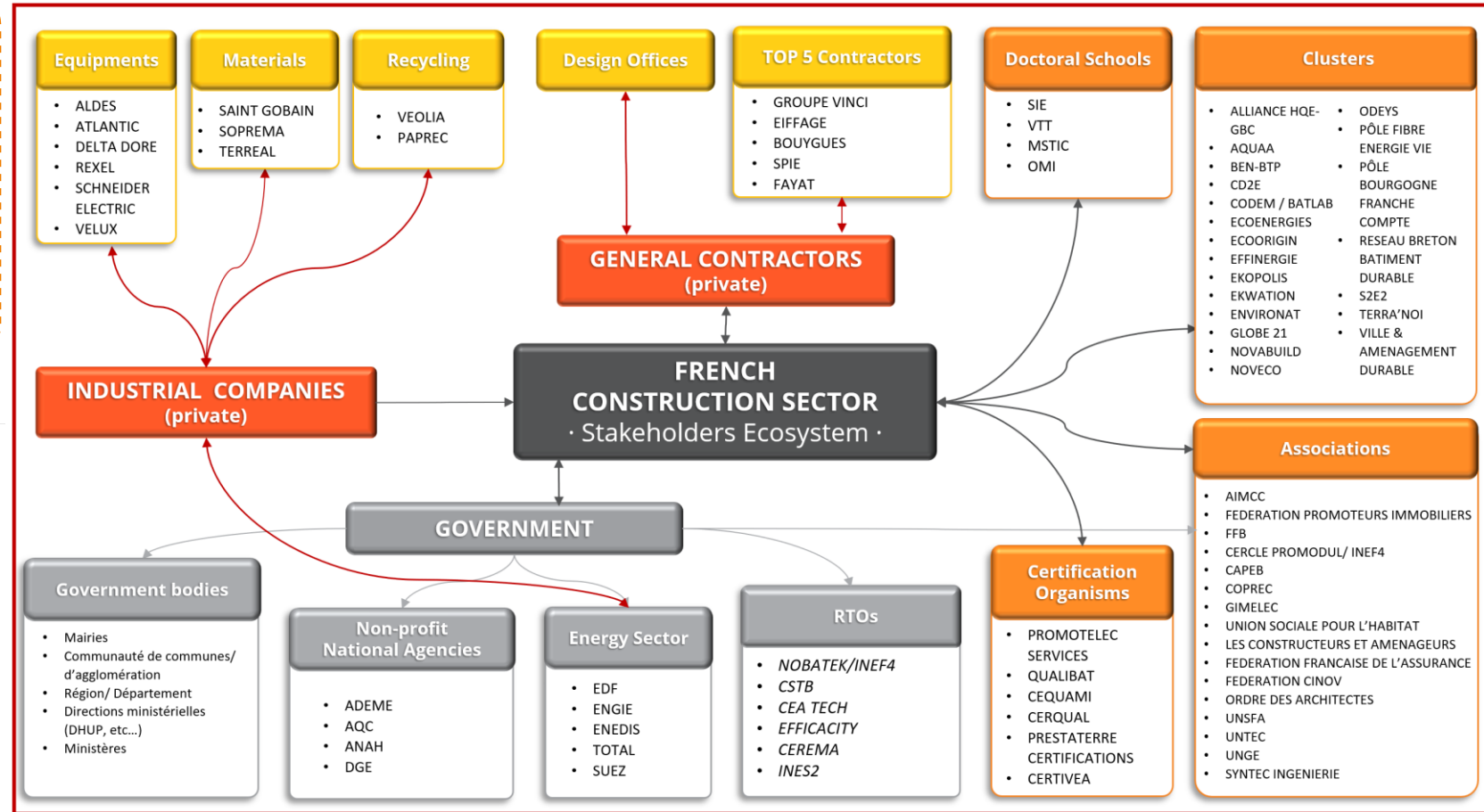
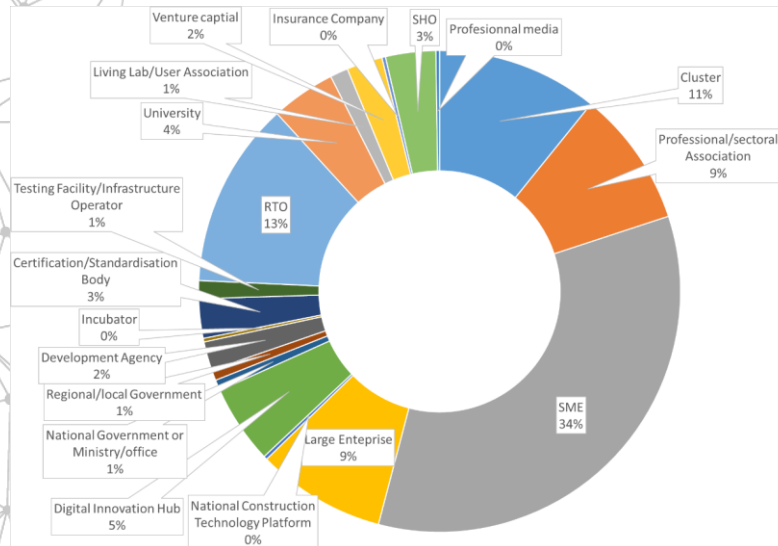


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Beyond open innovation



Evolution of Innovation. Source: EU Open Innovation Strategy and Policy Group 2013



The French Construction Sector Innovation Ecosystem



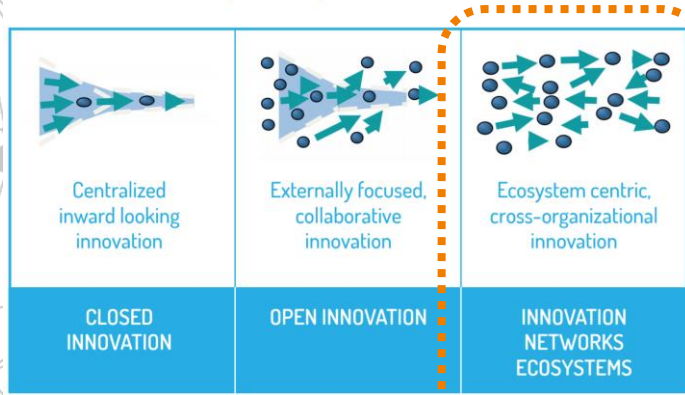
metabuilding



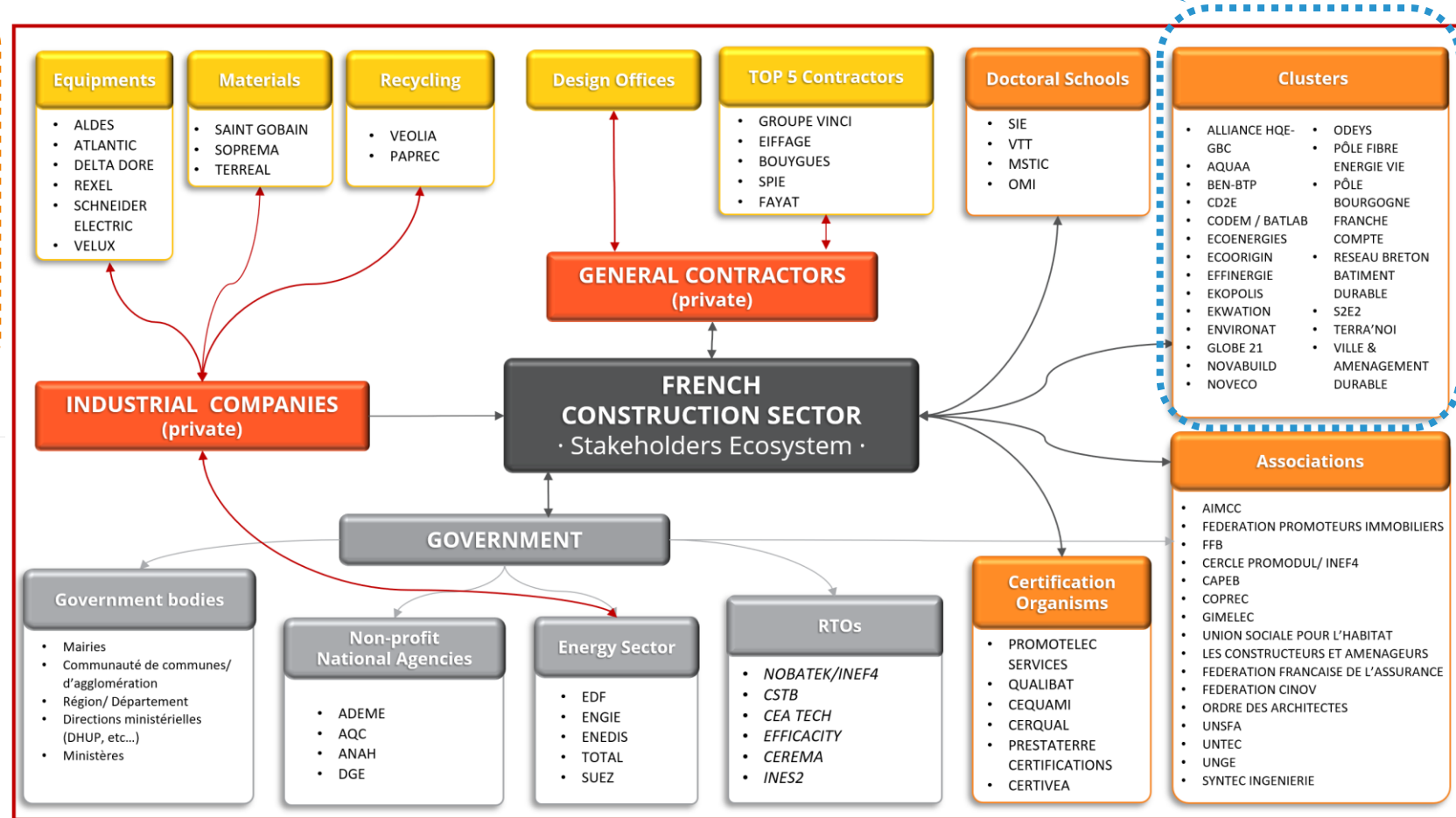
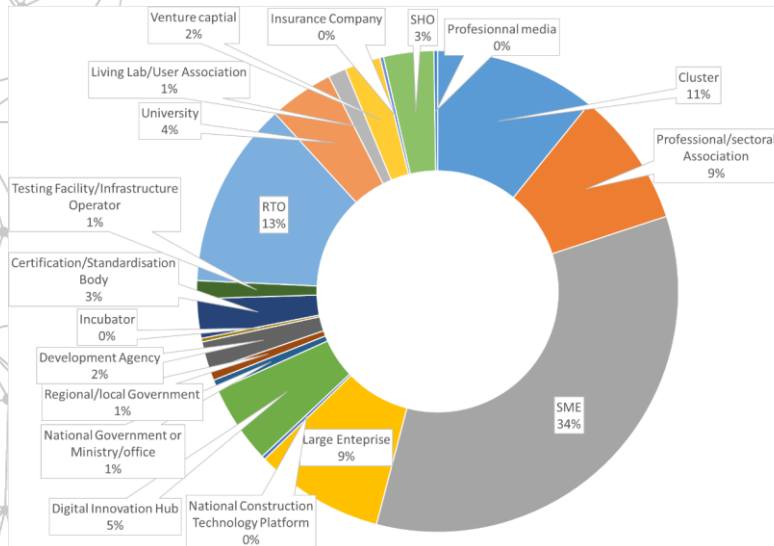
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SMEs are here!

Beyond open innovation



Evolution of Innovation. Source: EU Open Innovation Strategy and Policy Group 2013



The French Construction cluster Ecosystem



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Alliance
HOE
L'OSI FRANCE

effinergie
Energie intelligente
et durable pour les territoires



The French Construction cluster Ecosystem



As an example:

cdéys Cluster construction et aménagement durables

- 331 cluster members
 - 237 are companies
 - 224 are SMEs



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et durable des territoires



MARTINIQUE



POLYNÉSIE FRANÇAISE



GUYANE FRANÇAISE



GUADELOUPE



NOUVELLE CALÉDONIE



LA RÉUNION



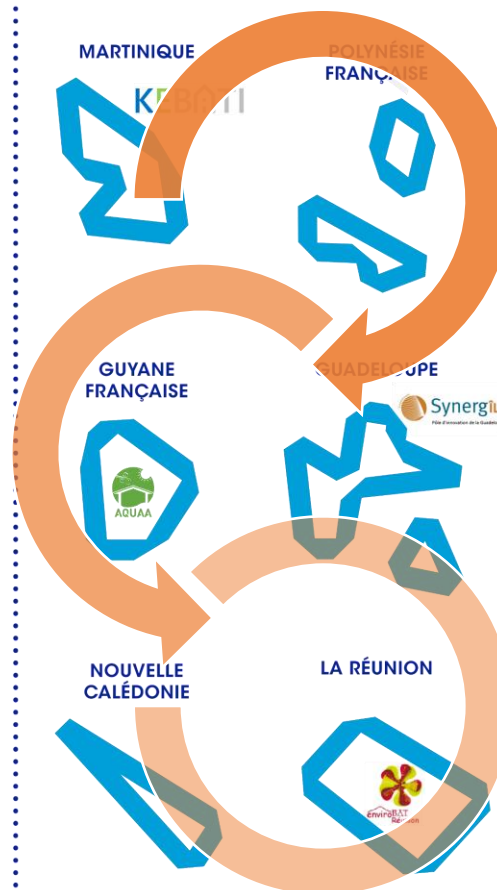
The French Construction Sector Innovation Ecosystem



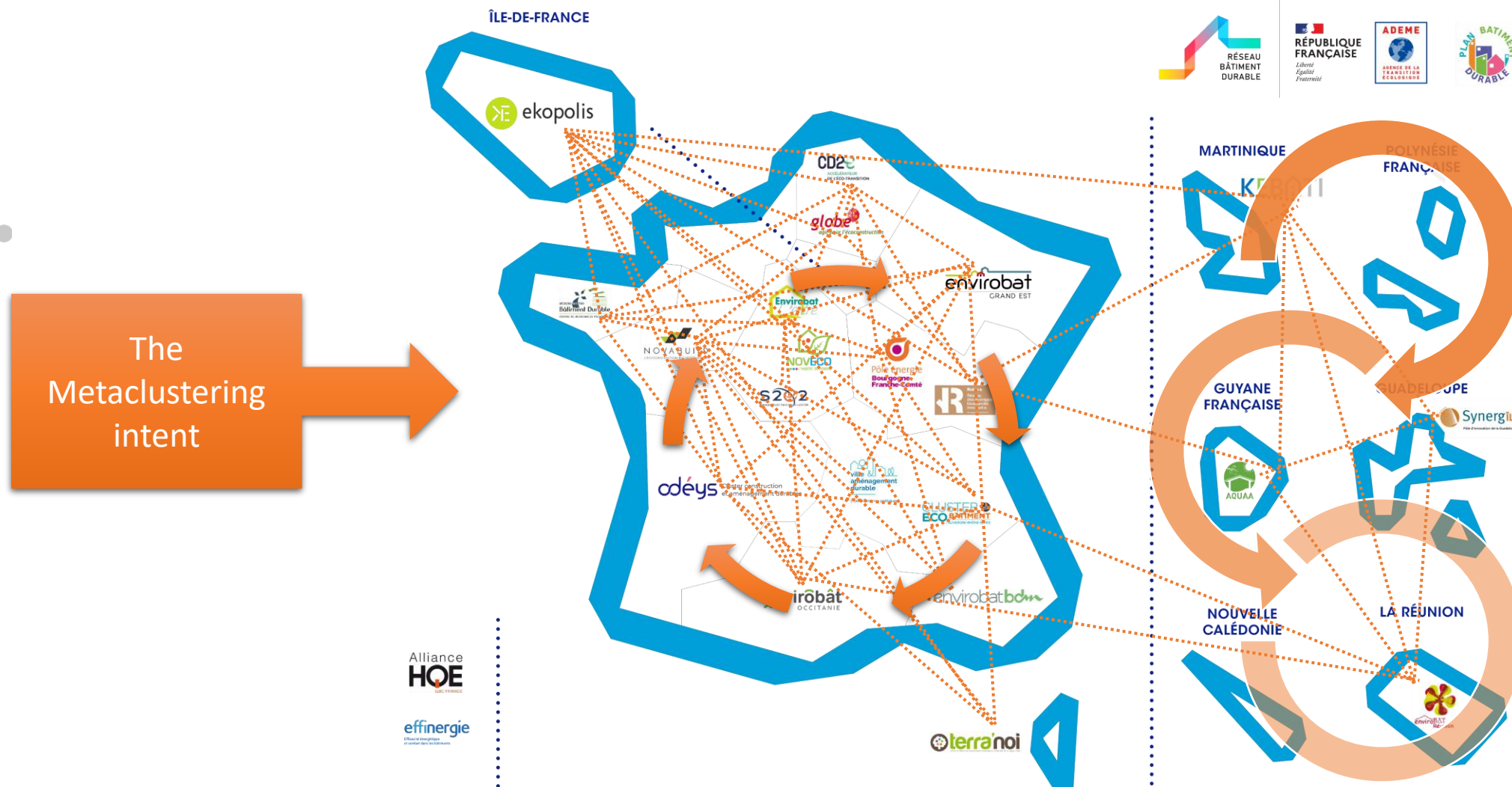
The
Metaclustering
intent



Alliance
HOE
Hauts-de-Seine
effinergie
Efficacité énergétique
et confort des bâtiments



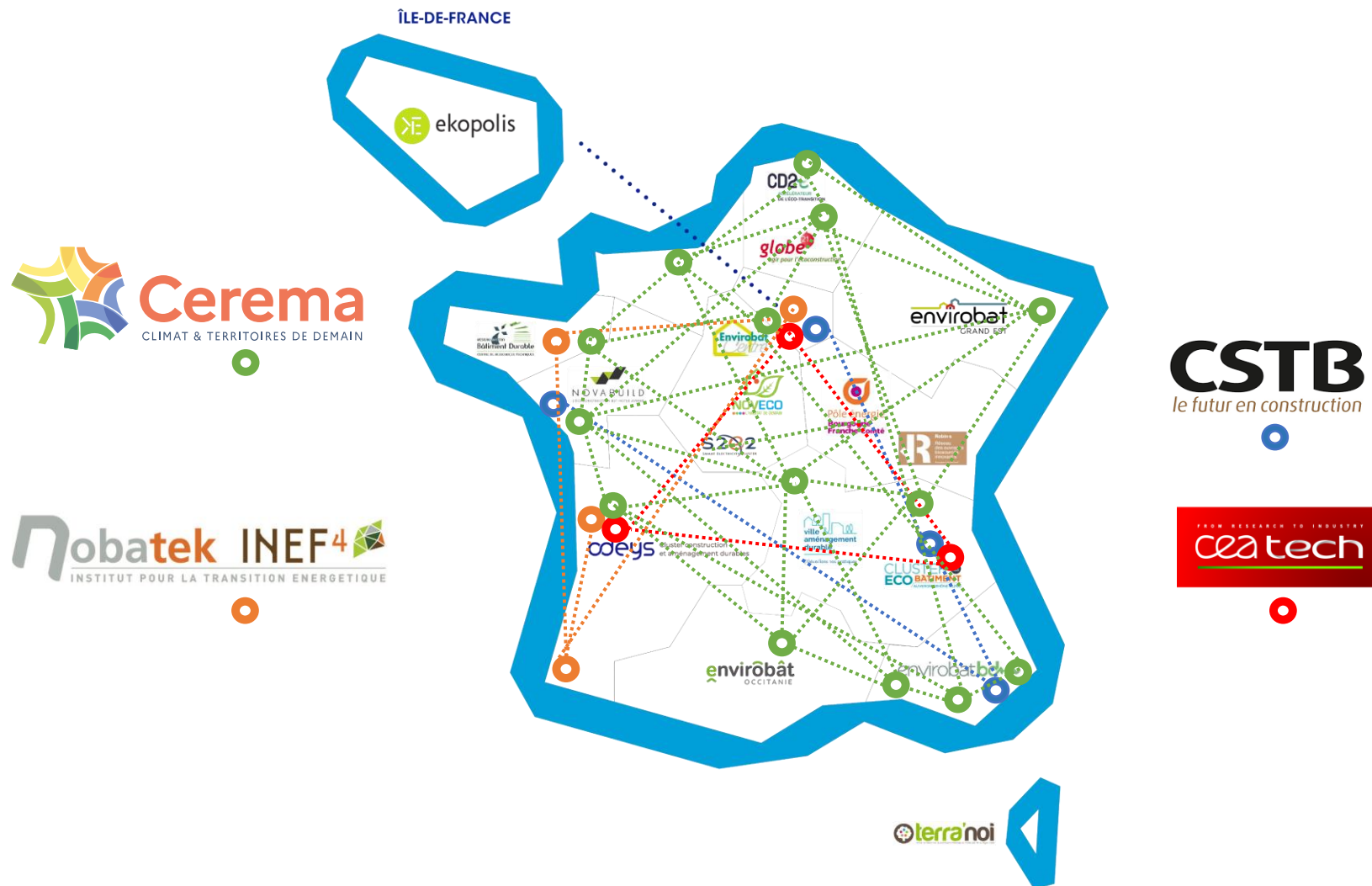
The French Construction Sector Innovation Ecosystem



Another layer: the French Construction Sector RTOs (non exhaustive)

The logo for metabuilding features a circular icon composed of seven colored segments (green, yellow, orange, blue, light blue, grey, and dark blue) arranged in a ring around a white center. To the right of the icon, the word "metabuilding" is written in a bold, lowercase, sans-serif font.The logo for Metabuilding Labs features a circular icon composed of eight colored segments (green, yellow, orange, red, grey, blue, dark blue, and light blue) arranged in a ring. To the right of the icon, the word "metabuilding" is written in a bold, dark grey sans-serif font, and the word "labs" is written below it in a smaller, blue sans-serif font.

The French Construction Sector RTOs (non exhaustive)



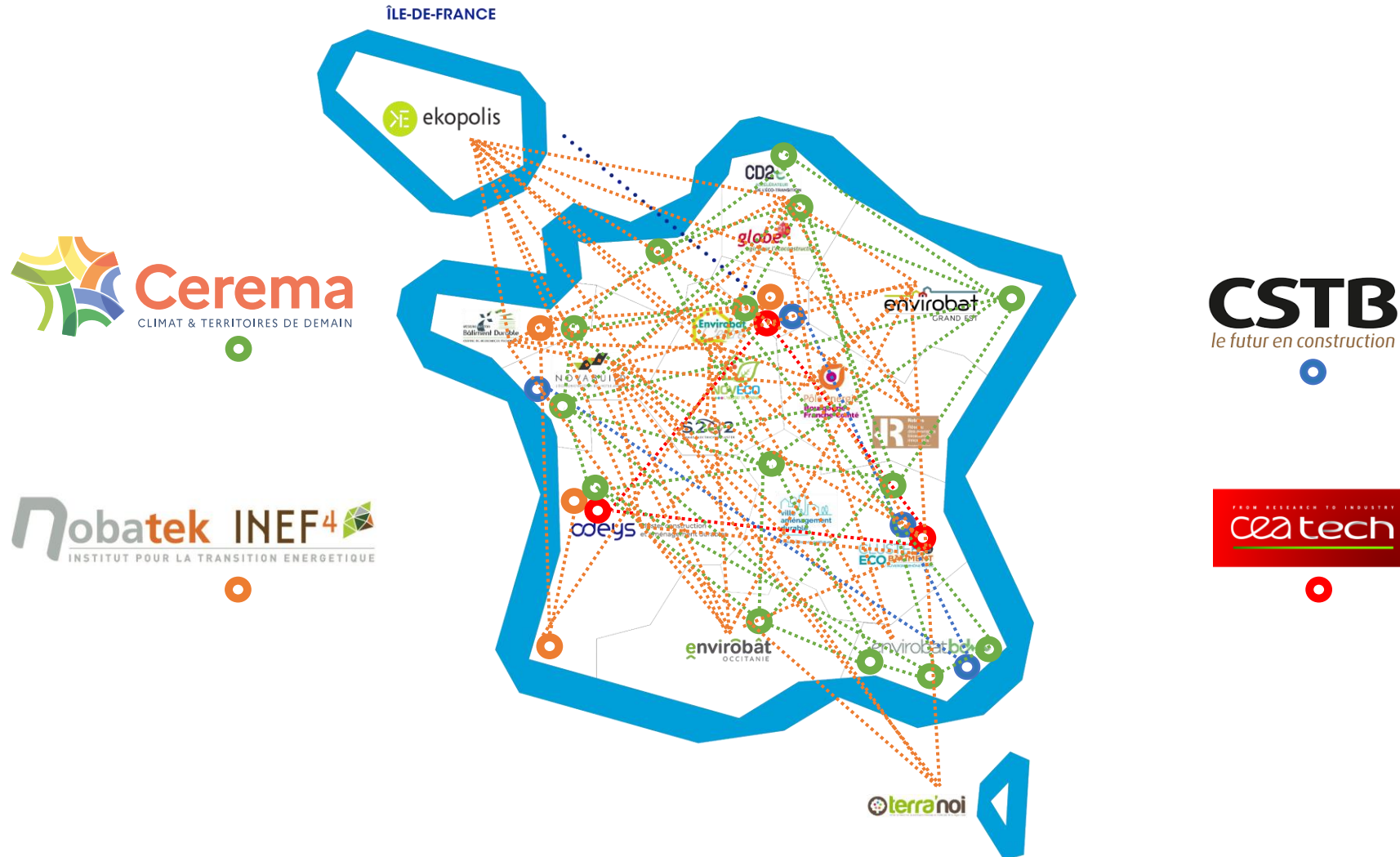
French innovation ecosystem main links



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French industrial players are organised and available to join



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labs



MÉCÈNES STRATÉGIQUES



GRANDS MÉCÈNES



MÉCÈNES PARTENAIRES



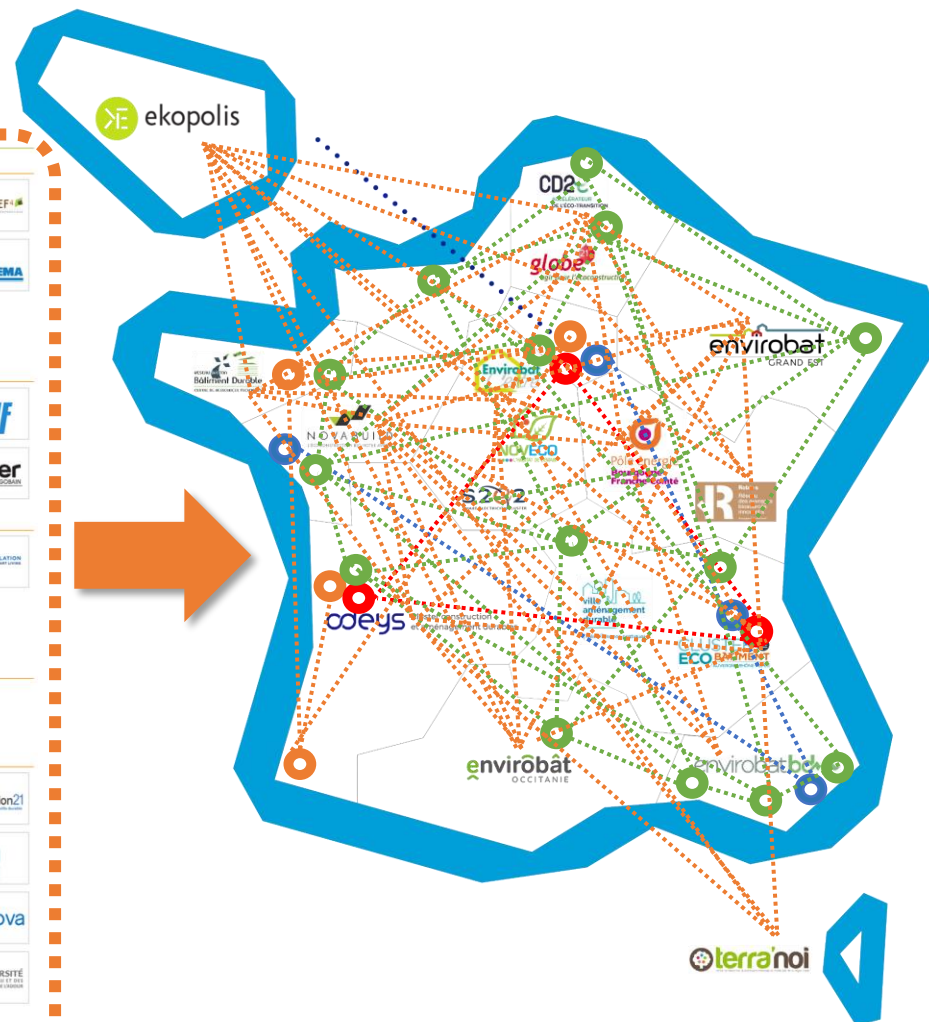
MÉCÈNES SOUTIENS



ACTEURS SOLIDAIRES



ÎLE-DE-FRANCE



CSTB
le futur en construction



The French ecosystem should effectively link to Europe



MÉCÈNES STRATÉGIQUES



GRANDS MÉCÈNES



MÉCÈNES PARTENAIRES



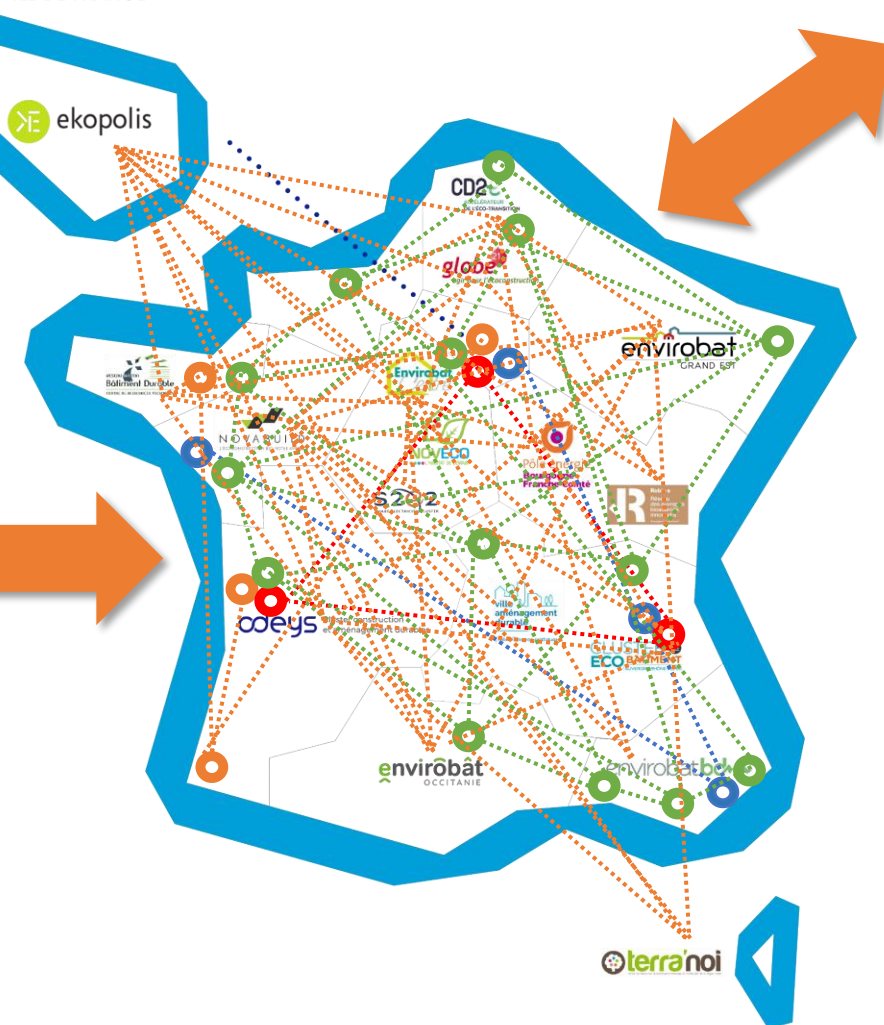
MÉCÈNES SOUTIENS



ACTEURS SOLIDAIRES



ÎLE-DE-FRANCE



A successful & consolidated innovation ecosystem in Spain



metabuilding



metabuilding
labs



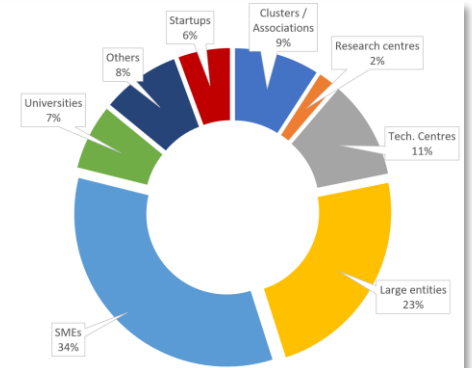
144 MEMBERS

PTEC Reaches...

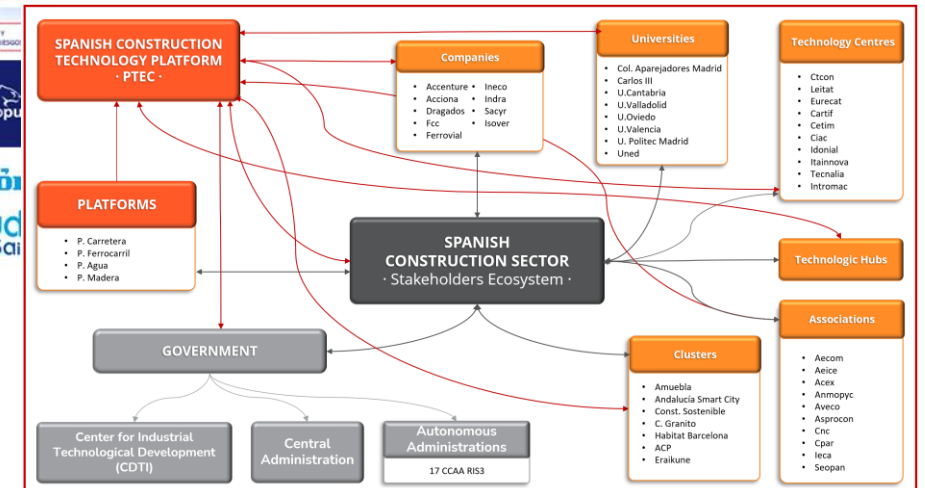
56 SMEs directly

Over 2,000 SMEs indirectly

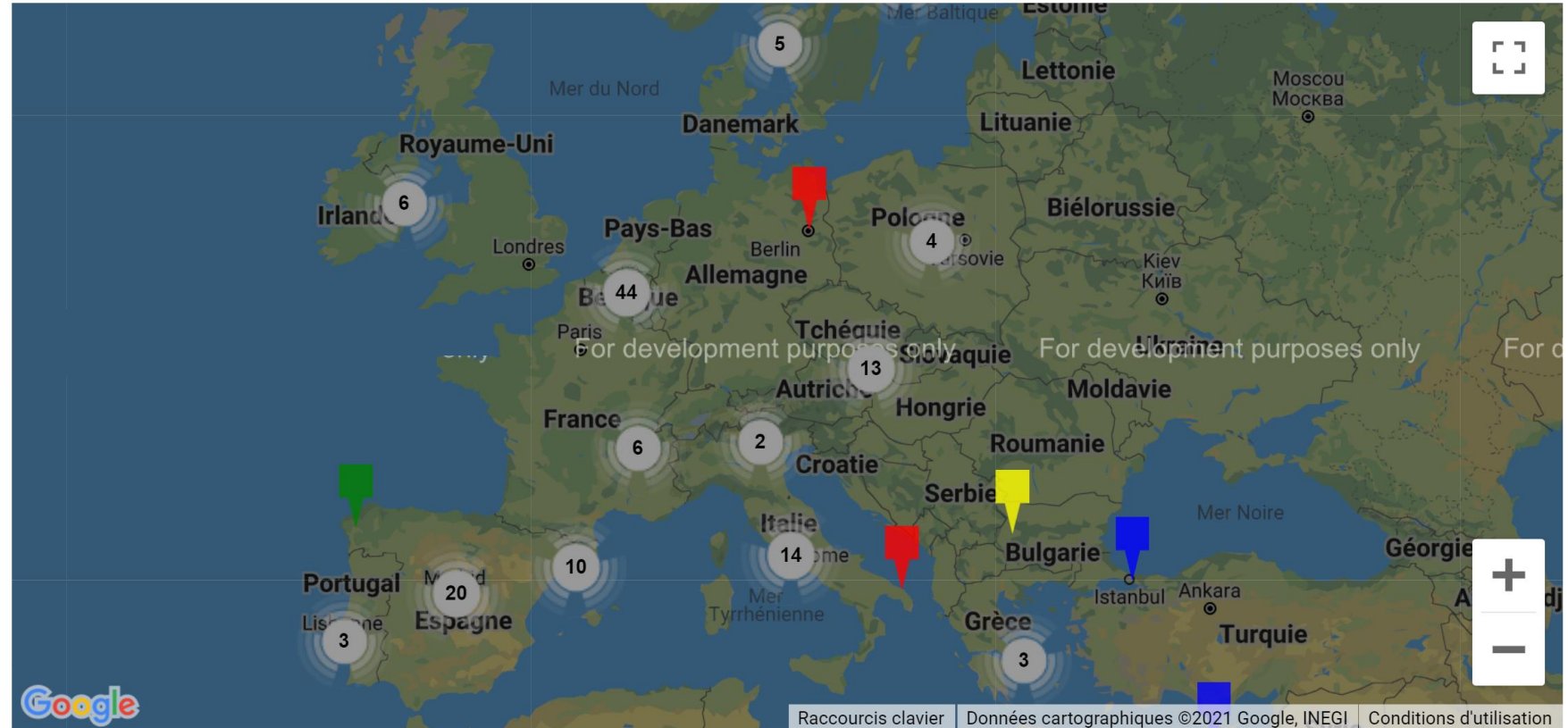
422,000 SMEs form the Spanish ecosystem in the construction sector



Plataforma Tecnológica Española
de Construcción



Map of ECTP Members



Industry Members



Research Organisations



SMEs
Other Organisations



metabuilding.com

- The digital backbone of the EU construction sector ecosystem
- The virtual single-entry point to 100+ testing facilities and innovation services of MBLabs OITB



metabuilding



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labs

The Backbone of an EU scale Innovation Ecosystem

www.metabuilding.com



ABOUT

DIGITAL TOOLS

FUNDING OPPORTUNITIES ▾

LOG IN

SIGN UP

BE DIFFERENT

Perform through innovation.



BRINGING INNOVATION TO THE CONSTRUCTION SECTOR

€2.7 MILLION IN FUNDING FOR SME'S

MORE INFO

METABUILDING Innovation Ecosystem

The **METABUILDING innovation ecosystem** brings together stakeholders from construction and 4 emerging industrial sectors: recycling & circularity, additive manufacturing, nature-based solutions and digital industry. The **METABUILDING Platform** aims to facilitate collaboration between new partners and experienced experts to further innovation.



www.metabuilding.com linked to the European Construction Technology Platform: www.ectp.org



Access Innovation Funding

Learn about available innovation funding opportunities and other financial support mechanisms.

MORE INFO



Find Innovative Technologies

Discover innovative technologies that are waiting to be deployed.

COMING SOON



Find a Partner

Team-up with new business partners, potential customers and other innovation stakeholders. Discover others ready to collaborate on a new projects and funding applications.

MORE INFO



Get Innovation Support

Find experts that can provide technical, business and intellectual property support for your innovation project. Including: feasibility and market studies, risk analysis, and many more.

MORE INFO



Test Your Innovation

Gain easy access to testing facilities, knowledgeable experts and living labs to test your innovation and accelerate its route to market.



COMING SOON

VIRTUAL ENTRY POINT TO THE TESTING SERVICES

FROM THE SHELF

Find existing solutions and opportunities.

267 Matches

Search your matches by

[Clear filters](#)

Search

Please choose one of the options below

- ☐ Products
 - ☐ In Marketplace
 - ☐ Under Development
 - ☐ Industrial Commons
- ☐ Services
 - ☐ Innovation Services

Apply

Products & Services

+ Add a New Product or Service

in marketplace

Seeking collaborators for smart remanufacturing and recycling system proposals

Xyz Company London

The proposed project will develop and implement a universal and reconfigurable platform for smart remanufacturing and recycling (REMANCY).

The REMANCY platform will integrate smart sensors, computer vision and collaborative robots with digital technologies such as modelling, simulation, optimisation, big data analytics, IoT technology and digital twins.

[See More](#) →

under development

industrial common

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service

innovation service

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Locate New Markets

Locate new markets for your products and services across Europe. Widen your existing markets and find new easy to access opportunities.

COMING SOON



Technology Marketplace

Find out what technologies and services are on the market and directly contact providers. Or why not showcase your market ready products and services?

COMING SOON



metabuilding



metabuilding
labs



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ABOUT

DIGITAL TOOLS

FUNDING OPPORTUNITIES

LOGIN

SIGN UP



metabuilding

Funding Opportunities

Digital Tools

About

X Company

FROM THE SHELF

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[See More](#)

Industrial common

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[See More](#)

service innovation

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Look for new markets

Find new markets for your products and services across Europe. Widen your existing markets and find new easy to access opportunities.

COMING SOON



Technology Marketplace

Find out what technologies and services are on the market and directly contact providers. Or why not showcase your market ready products and services?

COMING SOON

Launching beta testing of
METABUILDING PLATFORM very soon
please sign-up, test and
Have your say!

We invite you to join the parallel session later on today:

| | |
|-------------|---|
| | Auditorium "Caja de Música" |
| | Innovation is a collective endeavour: METABUILDING Platform as the backbone of the European Construction sector Innovation Ecosystem |
| | <u>Chairs:</u> Claudia Hunziker Keller (NOBATEK/INEF4), Luigi Perissich (FederCostruzioni) |
| 16:45-18:15 | <p>The session will focus on the presentation of a new innovation support platform that aims at permitting the exchange and collaboration of actors of the enlarged Built Environment sector interested in engaging in innovation. Learn why this platform could be important for you by listening to others and help to shape the platform through sharing your innovation support needs with us.</p> <p>Content</p> <p>Short presentation of the innovation support provided by the METABUILDING platform & the testing services provided by METABUILDING LABS followed by a round table on the added value of this platform for different types of users:</p> <ul style="list-style-type: none"> • Carlos Martinez (PTEC) - National Construction Technology Platform • Paula Queipo (IDONIAL/AM Platform) - RTOs & cross-sectoral platforms • Jorge Rodriguez (Main Rail Solutions) - SMEs • Alain Zarli (ECTP) - EU platforms <p>> Open discussion on innovation support needs with the participants of the session</p> |



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Thank you for your kind attention

More info @ www.metabuilding.com



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