



twb

White Biotechnology
center of excellence

EDITORIAL

FROM CONCEPT TO CREATION OF VALUE



“ In 2015, TWB went through important steps of its development and moved into a new phase of achievements.

In particular, one of the first research projects funded by means of the contributions made by TWB's private partners led to the creation of the EnobraQ company, thanks to the investment of Sofinnova Partners, a member of the consortium. Furthermore, with some 70 collaborators settled in new facilities covering 1700 m² with largely automated equipment, TWB conducted 20 new R&D projects in 2015.

These results confirm the attractiveness of the mode of operation of TWB and of its associated research teams, despite an unfavourable economic context, and validate the hypotheses retained at the origin of the structure. ”

Pierre Monsan Founding Director



2015 HIGHLIGHTS

JAN. _____

Welcome of 10 new
industrial and financial
partners in the consortium

MARCH _____

Entry into service
of a unique microbial
culture robotic platform

APRIL _____

Public partner
of the European project
H2020 2G Biopic
(2nd generation ethanol)

JUNE _____

Move into new premises
doubling the reception
capacity (1700 m²)

NOV. _____

Creation of the EnobraQ
company, emerged from a
TWB research project

DEC. _____

Quality certification
ISO 9001

KEY FIGURES 2015

€ **8.9** M

TURNOVER
(including €4.4 M GRANTS)

€ **1.75** M
INVESTMENT

€ **5.2** M
SIGNED CONTRACTS
(€18 M since 2012)

€ **0.9** M

DEDICATED TO RESEARCH PROJECTS
(€5.3M since 2012)



40 PRIVATE
& PUBLIC PARTNERS
IN THE CONSORTIUM



20 NEW
R&D PROJECTS
(57 projects since 2012)



4 PATENTS
DERIVING FROM RESULTS
OF THE R&D PROJECTS
(13 patents since 2012)



1 START-UP
CREATED AND
HOSTED



69
COLLABORATORS



FOCUS ON ENOBRAQ

The start-up EnobraQ is the product of a TWB research project.

This company, hosted by TWB, aims to develop a yeast strain capable of using CO₂ as a carbon source and of transforming it into molecules of interest for the chemical industry. Sofinnova Partners, a partner of TWB, is the lead investor in EnobraQ.

ZOOM ON TWB SUCCESSES

Development of the first industrial process, recorded to date, for the production of amoebae

Elaboration of a process for enzymatic depolymerization of non-biodegradable plastics

Creation of a new original metabolic pathway, by synthetic biology, for the production of chemical intermediates

Scaling up of a fermentation process, from the laboratory to the industrial scale, for the supply of a specialty chemical product

Technical validation of an industrial process for the purpose of manufacturing clinical batches

NEWS IN REAL TIME

Launching TWB
on the social networks

