



twb
White Biotechnology
center of excellence



Pierre Monsan
Director of the Executive Board of TWB

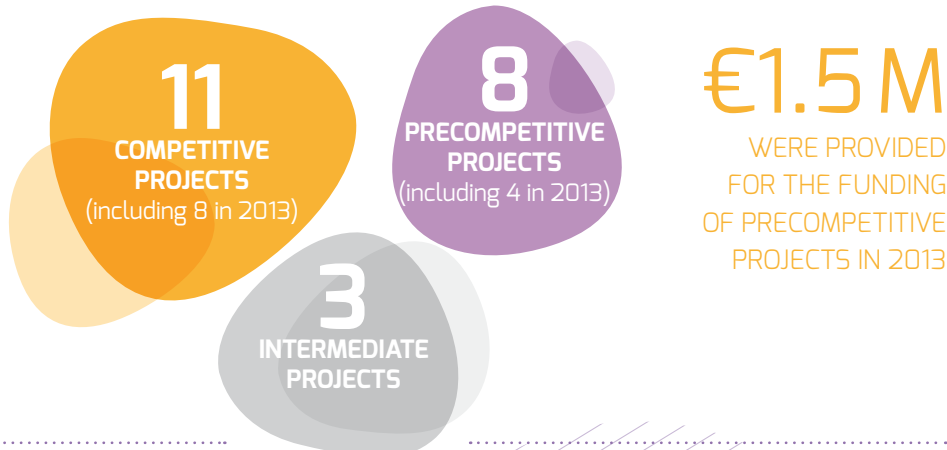
PROMISING DEVELOPMENT

“ TWB has just completed its first year of activity. The hypotheses concerning this project which was granted €20 million by the Investment for the Future Program (PIA) in 2011 have been validated.

The consortium of private partners has generated the expected first R&D projects. The public partners are continuing to fulfill their commitments. The signing of contracts to a value of €11.9 million within less than two years of activity confirms the existence of a substantial demand in the domain of the valorization of renewable carbon. We expect the development of TWB to continue in 2014, which already promises to be a very good year. ”

A HIGHLY PROFITABLE DYNAMIC FOR PROJECTS

CUMULATIVE NUMBER OF PROJECTS FOR WHICH CONTRACTS WERE SIGNED IN 2012-2013



DISTRIBUTION OF COMPETITIVE PROJECTS IN 2013

BY SCIENTIFIC AREA:



4 Synthetic biology



2 Culture and fermentation



2 Biocatalysis

BY ACTION:



2 Technical feasibility



5 Research



1 Development

3 NEW AGREEMENTS FOR TWB

With the Bio-Base Europe Pilot Plant (University of Ghent, Belgium), to allow scaling up to pilot industrial level.

With the Genopole biocluster (Evry, France), to widen the scientific expertise offered by TWB.

With the Axel'One collaborative chemical environment platform (the Axelera competitive center, Lyons, France), to share know-how in the framework of a bioprocess platform.

MOVING AHEAD

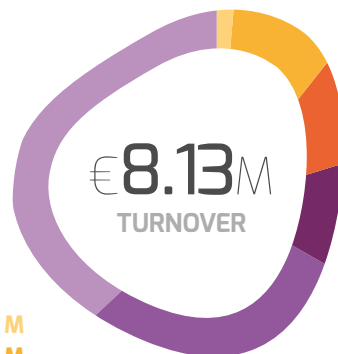
TOTAL REVENUE
(private and public)



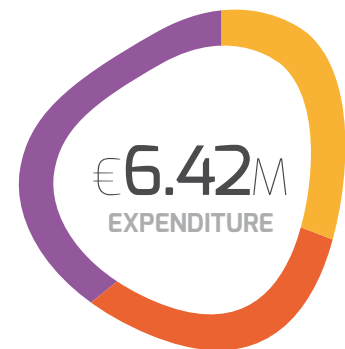
4
PATENTS

FROM THE RESEARCH
RESULTS OF THREE
PRECOMPETITIVE
PROJECTS AND ONE
COMPETITIVE PROJECT.

A LARGE INCREASE IN FINANCIAL RESOURCES



Grants from local/regional bodies €0.12 M
Intermediate project contracts €0.74 M
State rolling grant €0.80 M
Fees from private partners €0.82 M
Competitive project contracts €2.66 M
ANR and PIA grants €2.99 M



€2.00 M Investment
€2.12 M Staff costs
€2.30 M Running costs

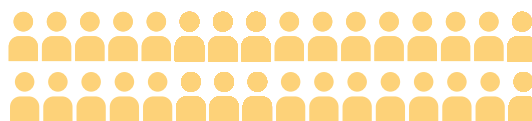
BRIEF SUMMARY...

Organization of the first meeting of European clusters involved in industrial biotechnology, within the framework of EuropaBio, Brussels.

Collaboration with the Catholic University of Lyons in the organization of the "Ethics of Life Science Technologies" conference within the framework of the 26th Centre Jacques Cartier meeting (Lyons, France, 25-26 November 2013).

Participation of TWB at major international meetings in the domain of industrial biotechnology (WCIB, EFIB, RRB-9).

A GROWING WORKFORCE



53
COLLABORATORS
AT THE END OF 2013

25 RESEARCHERS
OF THE LISBP (INSA,
UNIVERSITY OF TOULOUSE)
ARE INVOLVED IN THE
CO-ORDINATION AND
SUPERVISION OF TWB
PROJECTS.

