SCIENTIFIC RESEARCH FOUNDATION recognized to be a public interest foundation for the sustainable development of buildings

Balance 2005/2016
Since 1972
- Awareness of climate change

Summer 2003
- Extreme heatwave

2005
- Ratification of the Kyoto protocol
- Creation of Grenelle Environment Forum
- Factor 4 in 2050

2007
- Thermal regulation of existing buildings

2008
- Grenelle laws 1 & 2

2009 2010
- Energy transition law for the green growth
- Publication of the National Research strategy

2015
They joined

With support from

They gathered all the necessary components to move forward this subject
Support for Research and Development, national strategic orientations and legitimacy

Environmental protection and energy control

R&D, production and distribution of energies and services
R&D, materials and solutions for the construction
R&D & building regulation
ENDOWMENT

8 M€

50% PUBLIC AND 50% PRIVATE
MULTIPLIER EFFECT

16 M €

FINANCIAL SUPPORT OF THE WINNING PROJECTS AT 50%
4 OBJECTIVES

16 M€

- Reduce greenhouse gas emissions fourfold
- Increase the use of renewable energy
- Strongly reduce energy consumption
- By making use of innovative methodologies and technologies
4 Means of Action

- Organise calls for projects in order to support the public and private R&D projects selected by the jury
- Disseminate the results of the research
- Evaluate the work, projects or programs that the Foundation has supported
- Cooperate with the other public or private actors in the sector, within a national or European framework

16 M€
ITS STRENGTHS

ITS ORIGINALITY

• Only research foundation in France which works on the energy renovation of the existing buildings

• Support R&D projects for the improvement of energy and environmental performances of existing buildings

ITS TARGET

• The maintenance-improvement works, i.e. 59% of the total turnover of the building sector

• The energy performances improvement works, that is 30% of the turnover of companies realizing energy renovation

ITS WORKING METHODS

• Anticipation of the legislative and regulatory changes

• Support research programs of general interest, implemented by groups of experts

• Contribution to the actions of public authorities and of the National Plan of housing renovation
Support for R&D for
THE ENERGY EFFICIENCY OF THE EXISTING BUILDINGS PARK

CALLS FOR PROJECTS

AVERAGE DURATION OF THE PROJECTS
3-4 YEARS
EACH CONSORTIUM IS CONSTITUTED FROM 5 TO 6 MEMBERS

EXAMPLES OF HANDLED SUBJECTS
- CONSTRUCTIVE SOLUTIONS
- SOFTWARE DEVELOPMENT
- ENERGY AUDIT METHODS FOR THE PARKS

PROJECTS PRESENTATION SEMINARIES
STATE OF PROGRESS, EVERY SEMESTER, FOR ALL THE PARTNERS OF THE FOUNDATION

COMMUNICATION WEBSITE, SYMPOSIUMS, REFERENCE BOOKS
Support for the R&D for
THE ENERGY EFFICIENCY OF THE EXISTING BUILDINGS PARK

CALLS FOR PROJECTS
11 projects and 70 organisms supported

2005-2008
DETACHED HOUSES
3 PROJECTS SUPPORTED:
ADELIE, MITECH, ODMIR 4

2006-2009
TERTIARY OFFICE BUILDINGS
4 PROJECTS SUPPORTED:
BEST, CLIMHYBU, int2, PEREN

2008-2011
TERTIARY RESIDENTIAL BUILDINGS
2 PROJECTS SUPPORTED:
ADORER, REPA F4

2007-2010
SOCIAL HOUSING
2 PROJECTS SUPPORTED:
CIBLE, IPPI
A new mode of action: METHODOLOGICAL RESEARCH’S WORKSHOPS

To take forward essential themes for the MASSIFICATION OF THE RENOVATION

Through the association of recognized technical skills and users

CALLS FOR EXPRESSIONS OF INTEREST

2012-2016
EPG WORKSHOPS
ENERGY PERFORMANCE GUARANTEE
• 16 members from the research group
• 15 members from the users group

2016
MPEB WORKSHOP
BUILDINGS’ ENERGY PERFORMANCE MEASUREMENT
The Energy Building Foundation, SYNERGY MAKER

Developers

Constructors

Certification organization

Banking, insurance

Operators

Project management
(BET, ARCHITECTS, CONSULTING ENGINEERS, SOCIOLOGISTS)

Industrialists

Academics, scientific and technical centers

Exchange networks
Because of the specificity of the Foundation works’, all the building actors worked together for the research and for the innovation on the massification of the existing buildings park renovation.
Project management
(BET, ARCHITECTS, CONSULTING ENGINEERS, SOCIOLOGISTS)

Architects / Dussan Novakov / Pouget Consulting / TBC / UNSFA / Cabinet Aurore / Tecsol / NéoTIM / HPC-SA / François PELEGRIN / ARCHETYPE Elisabeth PELEGRIN GENEL / TRIBU ENERGIE / UNTEC / BBS SLAMA / Agence STUDIO 4 / Barbanel /

Tisseyre & Associés / Addenda / GRECAU / Laurenti / Energies Demain / Divergent / ITF / Enertech / Mind Capital / Detry & Levy / La Calade / B&R Ingénierie Pas-de-Calais / Agency Hannouz et Janneau / ENERCONCEPT / Philippe DEHAN Architect / Cabinet Senzo / ELIOTH / ENIA Architects / Alpheeis / IBTECH Consulting engineers / Manexi / Bouygues Building Ile-de-France / BET Beslay
The Energy Building Foundation partners’

Academics, scientific and technical centers

CSTB / School of Mines de Paris / School of Mines d’Albi / INES RDI CNRS / CoSTIC / Pole IMIS University of Angers / UTC / University of Liège / University of Concepcion / IFFSTAR / H3C Energies / CEREMA / CERTOP CNRS

Banking, insurance

Financial Group DUVAL / Verspieren / SMA BTP

Certification organization

CERTIVEA
ITS INSTITUTIONAL PARTNERS

French Environment and Energy Management Agency
Sustainable building plan
Action plan for the quality of construction and the energy transition
The digital transition plan in the building
Valuation of its research works

THE WEBSITE
www.batiment-energie.org

THE “THEMATIC COURSES”
DURING THE MEETINGS
ABOUT ENERGY PERFORMANCE
ADEME - LE MONITEUR

ACTUALITY

EVENTS ORGANISED

THE LETTRE OF THE ENERGY BUILDING FOUNDATION
10 ISSUES PUBLISHED

PROFESSIONAL SYMPOSIUM

PUBLISHED BOOKS
Valuation of its research works

A REGULAR INFORMATION TO MORE THAN 3000 NATIONAL DECISION-MAKERS on the research projects which it supported and the results of the works

PRESS ACTIONS to specialized media on the building subject and more widely on energy transition
ITS LAST PROJECTS

BUILDINGS ENERGY PERFORMANCE MEASUREMENT WORKSHOP

WORKSHOP ABOUT CIRCULAR ECONOMY IN THE BUILDINGS