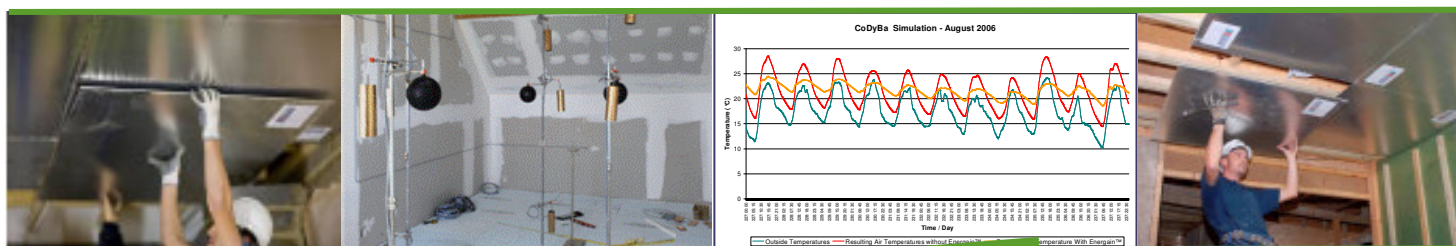


DuPont™ Energain®
***YOUR THERMAL MASS RESPONSE TO
LOW INERTIA BUILDINGS***



**PASSIVE ROOM CLIMATE AND
ENERGY MANAGEMENT**



REAL-LIFE EXPERIMENT WITH EDF FRANCE

OBJECTIVE: Product performance validation under seasonal impact.
DuPont test in cooperation with EDF (Electricité de France) in Paris region.

Test duration: August 2006 – April 2007
DuPont™ Energain® has been tested in the attic.

Insulation in attic:

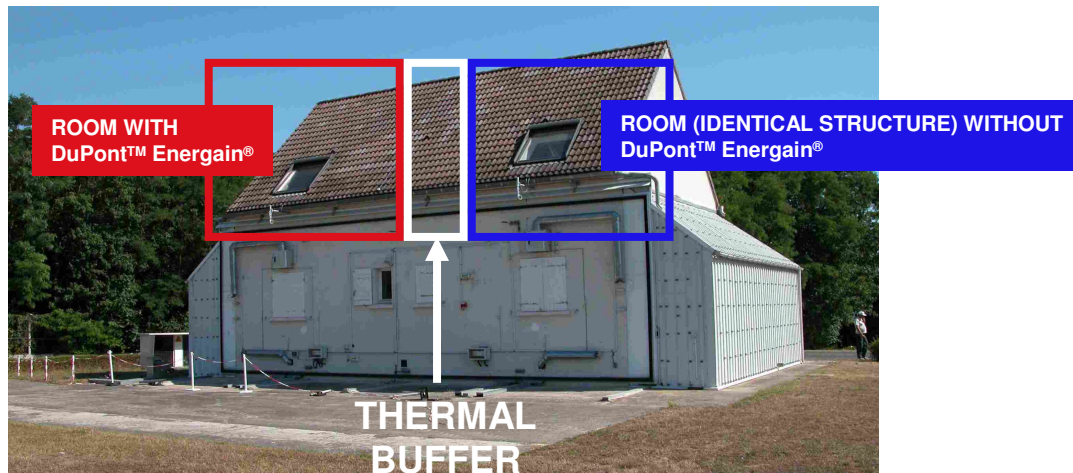
$R = 5 \text{ m}^2\text{K} / \text{W}$

Ventilation:

Summer : 0.5 vol/h (day), 2.4 vol/h (night) – free cooling

Winter : 0.5 vol/h (day & night)

TEST BUILDING



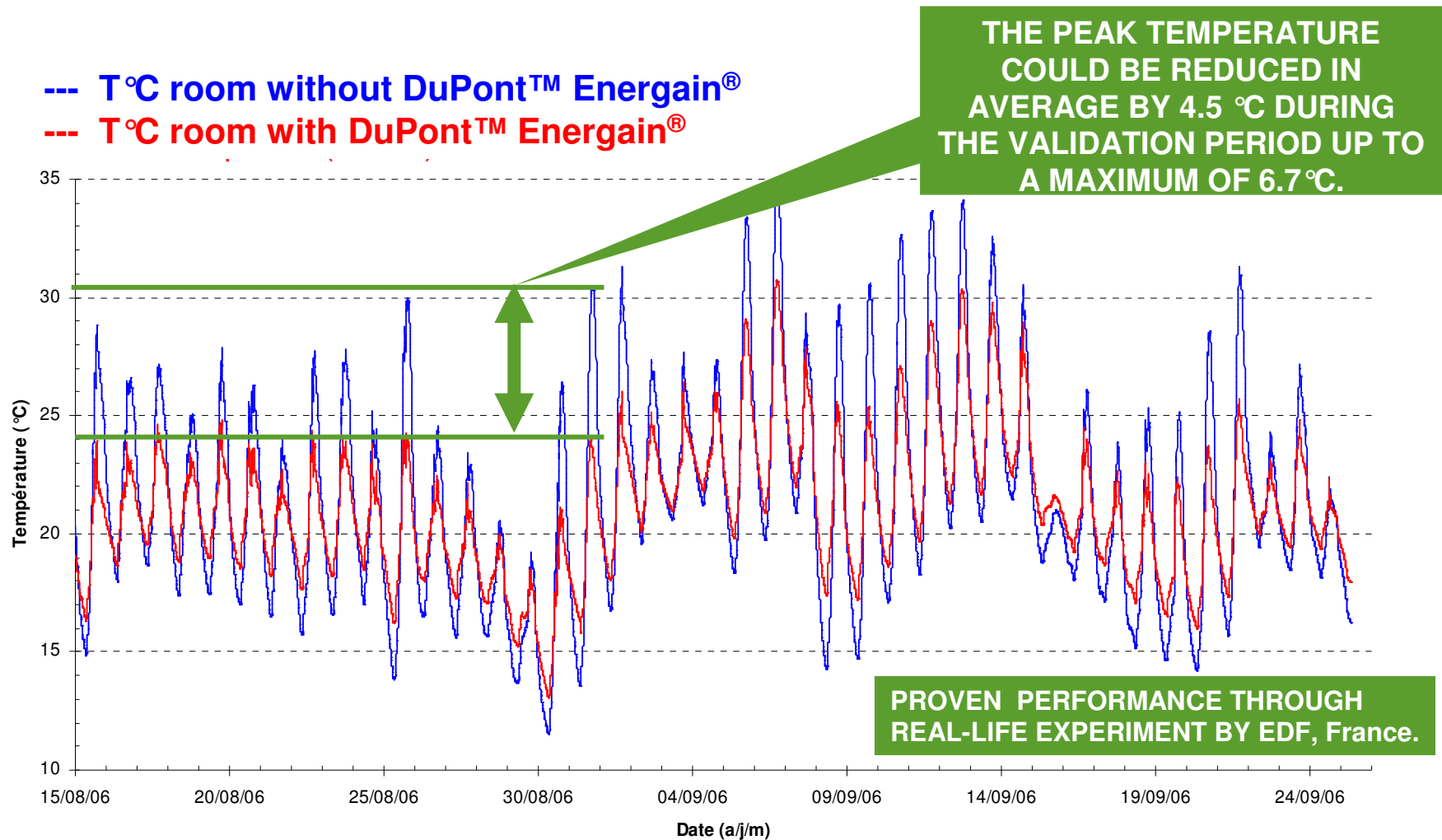
ANALYTICAL INSTRUMENTS



PANNELS INSTALLED 68m³ ROOM VOLUME



ROOM CLIMATE MANAGEMENT

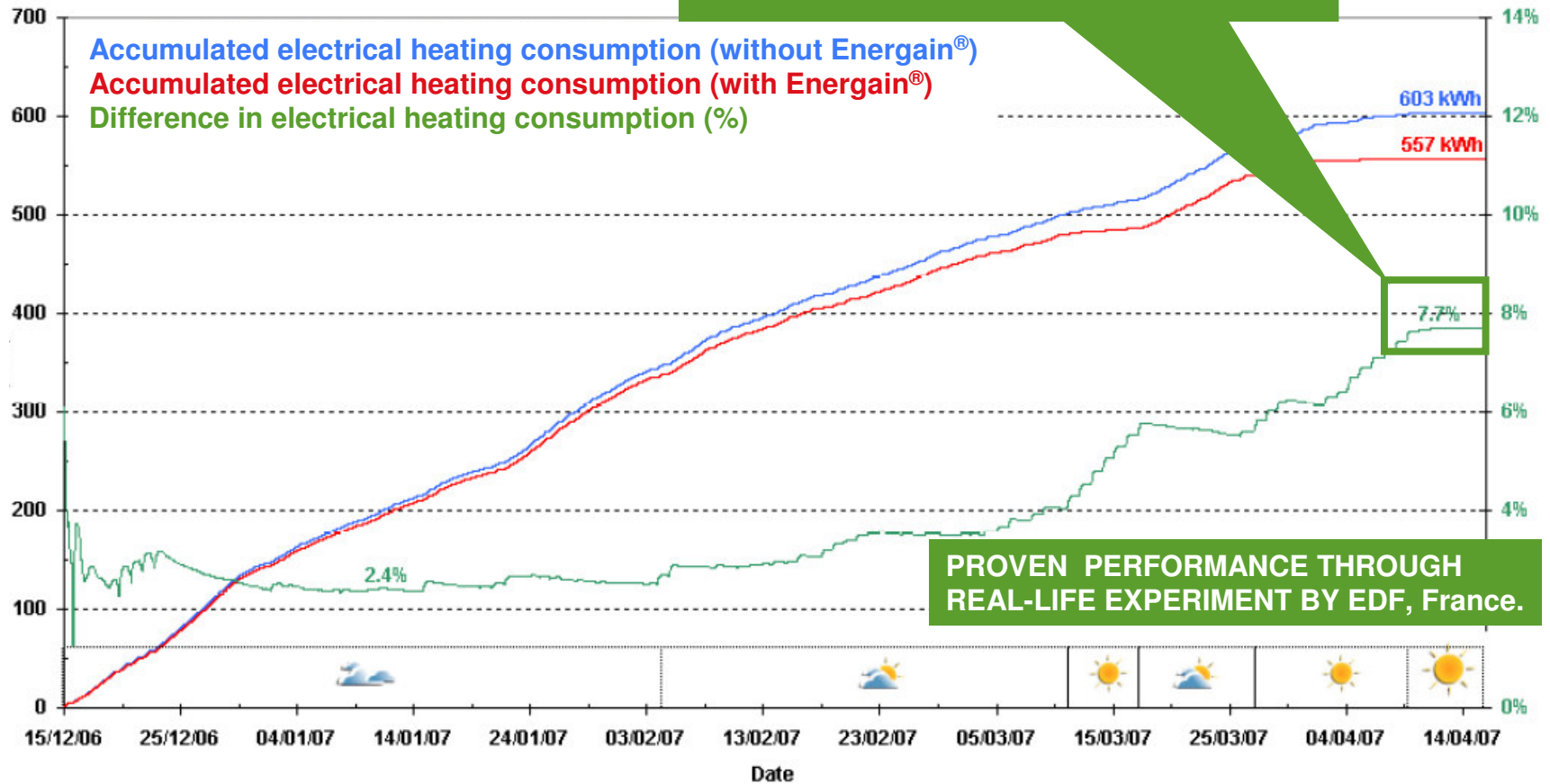


ENERGAIN® SIGNIFICANTLY IMPROVES THE COMFORT IN YOUR BUILDING.



THE SOLUTION TO ENERGY SAVING

Consommation électrique de chauffage cumulée (KWh)



Over test period of 4 months during winter and mid-season, the heating consumption was reduced by ~7.7% with highest saving potential in mid-season.

PROVEN PERFORMANCE THROUGH REAL-LIFE EXPERIMENT BY EDF, France.

Ecart relatif de consommation (%)

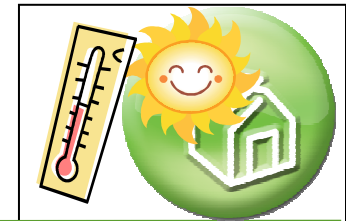


ENERGAIN® HELPS TO REDUCE THE CO₂ FOOTPRINT OF YOUR BUILDING.

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THE BENEFITS AT A GLANCE

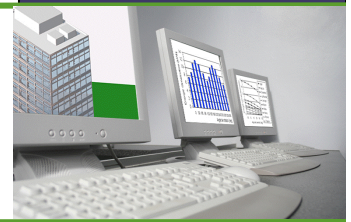
SUMMER COMFORT: Can help improve comfort by stabilising the effects on room temperature by up to 7°C*.



SAVE ENERGY COSTS: Can help reduce heating consumption by up to 15% or air conditioning costs by up to 35%*.



EASY TO SPECIFY: Special software enables to precisely calculate specific building requirements.



EASY TO INSTALL: Lightweight, flexible, versatile – as easy to install as plasterboard.



RELIABLE AND TRUSTFUL: The product has been intensively tested in laboratory and real-life experiment as part of the product development.



* depends on multiple factors.

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<http://www.energain.dupont.com>



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