Senergy Innovations

Developing a breakthrough in renewable energy

SENERGY

DELIVERING THE POWER OF NATURE

The Problem

High Manufacturing Cost

High Installation Cost

Not Attractive

Not Adaptable

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Invented Designed Built

Patented Revolutionary New Solar Panels

based on Advanced Nano/Polymer Technology .

Senergy Panels can be mass manufactured and installed at a 50% lower cost than existing metallic solar thermal panels

Can be retro fitted into current solar panel sites

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Compared to traditional panels

- ✓ **Maximise Collection:** The light weight low cost panels make installation easier, faster and cheaper allowing greater numbers to be deployed on roof.

- ✓ **Optimise Supply:** Up to 80% more efficient allowing excess energy to be stored and released at more convenient times.

- ✓ **Architecturally Adaptable**: Lightweight modular design enables panels to fit on to the sides of buildings and window frames.

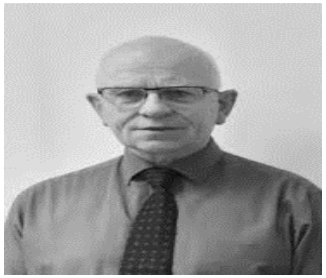
- ✓ **More Efficient Technology :** the reduction in up front costs lowers the cost of delivering a k/wh of heat to a price point that will compete with gas and oil.

- ✓ **More durable**: Expected lifetime up to 25years

Senergy Solutions – Team and Partners

Christine Boyle MBE
Senergy CEO

Prof. Tony McNally
Warwick Manufacturing Group



Willie Donaghy MBE
Senergy CTO

Dr A. Zacharopoulos
University of Ulster

Senergy's Collaborators

INEA INFORMATICS, ENERGY, AUTOMATION

BRETT MARTIN

denroy

Ulster University

CATAPULT Energy Systems

CATAPULT High Value Manufacturing

boomer

DELL EMC

Senergy's Value Proposition

Performance

50% cost of solar value chain

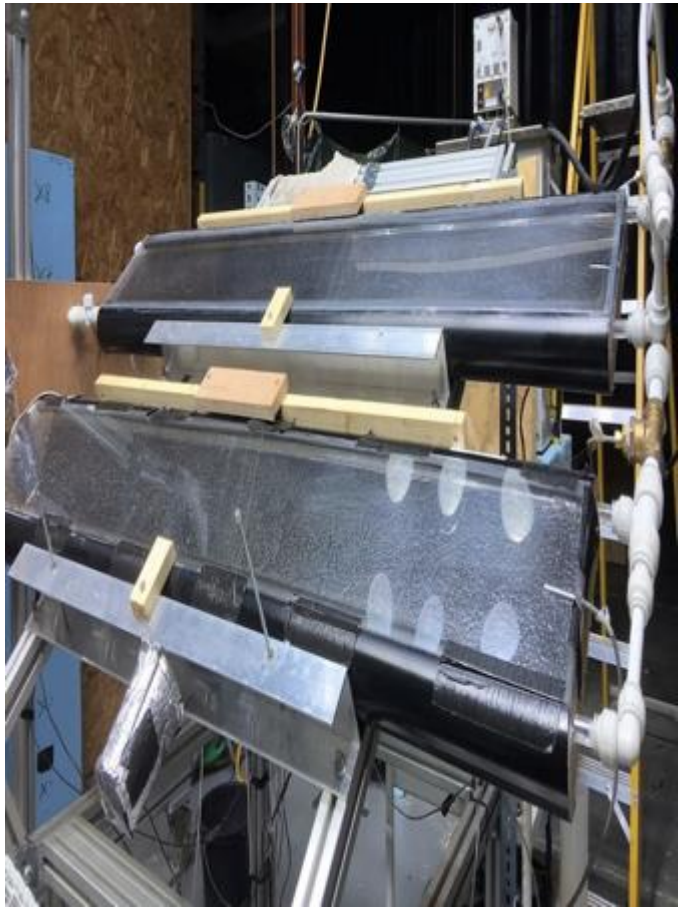
Cost

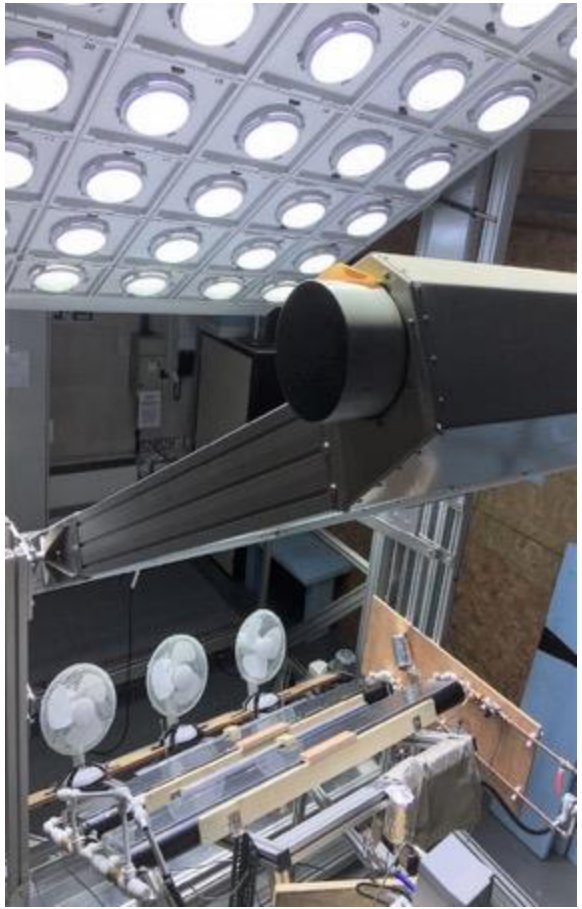
Payback 3-4 years

Aesthetics, Durability, Integration

25 year guaranteed life
Preferred by Architects
Digital Integration

Setup Tested Under Solar Simulator





Senergy selected for Innovator Support Platform

Sunamp iPower SENERGY DELIVERING THE POWER OF NATURE logicor heating ventive

Early Customers

Residential

Industrial

Commercial

Housing Executive

CATAPULT Energy Systems

mcavoy Smart Offsite

space4...

GLOBAL CityFutures

MODULOR

Places for People

northern ireland water

GREENTOWNLABS

isle

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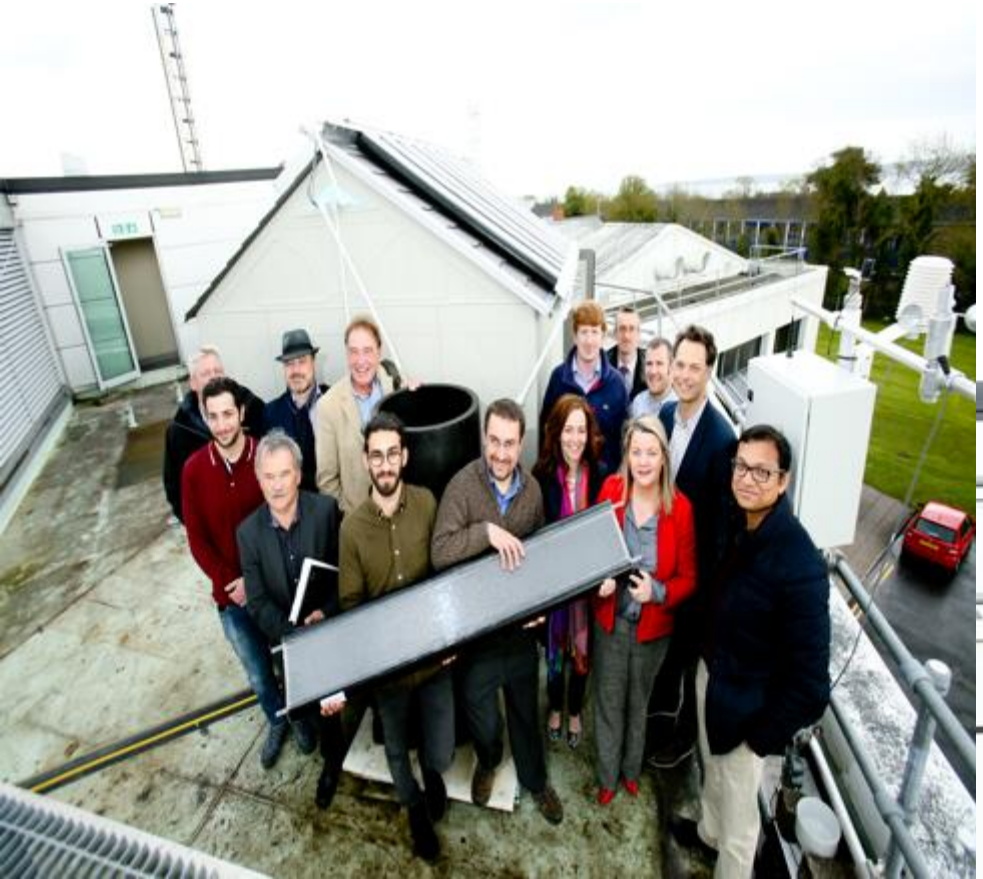
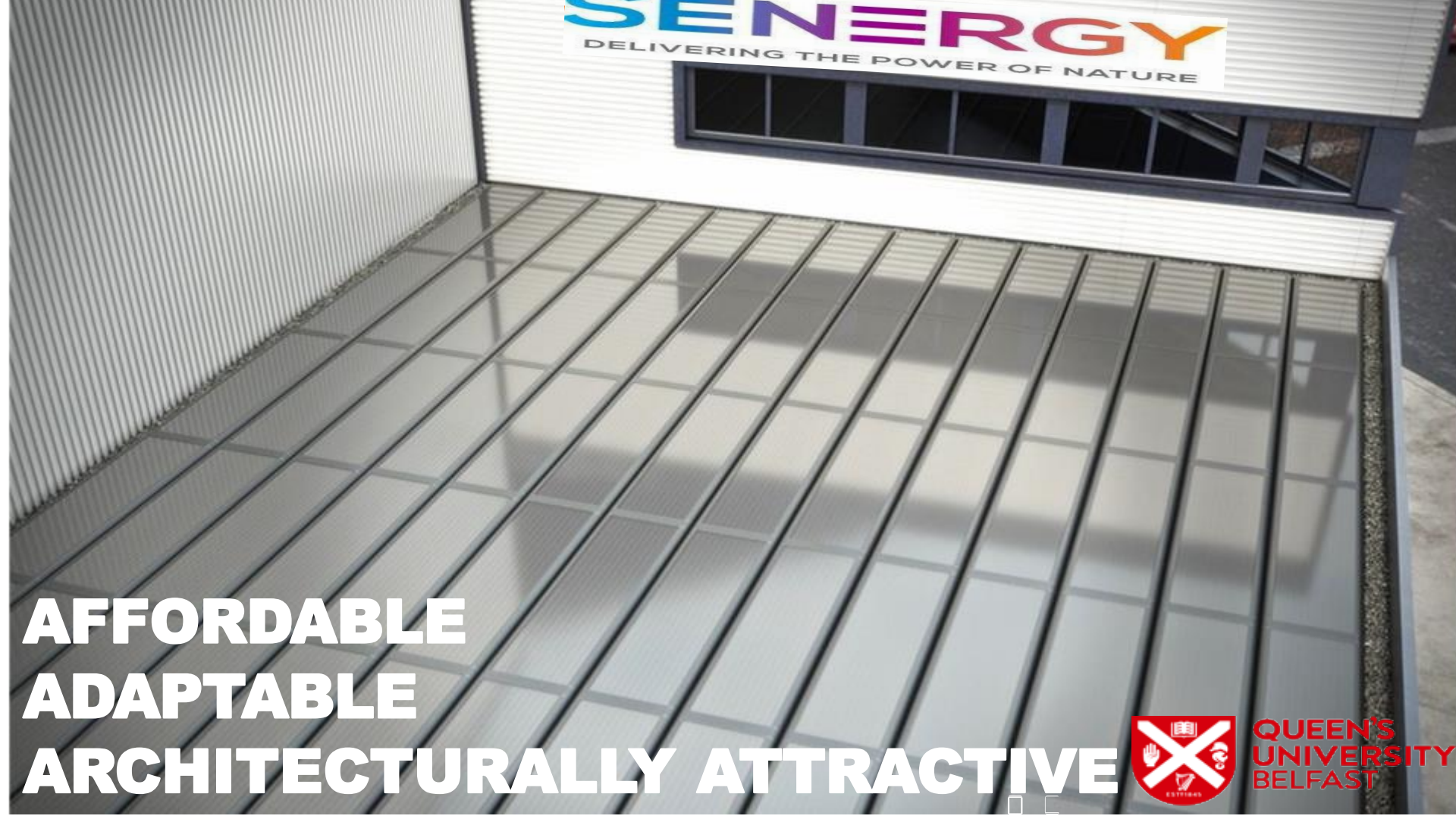
SENERGY DEMONSTRATOR BUILD





AFFORDABLE
ADAPTABLE
ARCHITECTURALLY ATTRACTIVE

QUEEN'S UNIVERSITY BELFAST

SENERGY

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