

- **SENERGY INNOVATIONS**
- **Christine Boyle, CEO**
- Christine.senergy@gmail.com
- Tel: 07712873887



•About us?

SENERGY HAVE DESIGNED AND DEVELOPED A NANOCOMPOSITE SOLAR THERMAL PANEL THAT REDUCES THE COST OF DELIVERING A KW/H OF SOLAR HEATING BY 25% IN COMPARISON TO USING CURRENT METALLIC SOLAR THERMAL PANELS.

- Invest NI awarded 180K alongside 120k seed investment to bring in the expertise of the Mechanical and Aerospace Department and the Polymer Research Centre at Queens University Belfast to develop the Senergy Solar Thermal panels and build prototype to TRL5.
- Secured 262K from Centre of Advanced Sustainable Energy Belfast to integrate the Senergy panels into a “ real world” demonstrator build. Allowing us to bring in the Ulster University and our industry partners to optimise the solar heating system and showcase the cost/benefits of the Senergy Thermal Panels by mid 2017.

What we can offer?

- Reduced cost of delivering solar heat by 25% to compete with gas and oil
- Thermal energy easily delivered on site requiring no grid
- Significantly enhanced solar heating capability

What or who we are seeking?

- Demonstration Sites
- Polymer Manufacturers in Emerging Markets

What's your innovation/idea?

- 100% Polymer Thermal Panels
- Architecturally Aesthetic and modular panels
- 50% reduction in the cost of manufacture and installation
- Embedded sensors allow friendly end user control via mobile devices
- Reduced carbon footprint of 150% compared to metallic panels

What's the market opportunity?

Commercial Industrial Agricultural Builds

Industry Experts Predicted European Market Growth;

2016	140 Million M2
2025	700 Million M2
2030	1.45 Billion M2

Countries like Africa have a National Energy Plan with a target of 1.75 million solar thermal installations by 2019 aiming to save 20370 tonnes of CO₂ per annum