



**Special points of interest:**

- **EVE delivers Zero Net Energy Buildings**
- **Save Money, Save Time, Improve Quality Reduce Risk**
- **Increase Asset Yield and add brand value**
- **Reduce Carbon Footprint and improve building environment**
- **Deliver the Fullest Life Cycle Performance by Going Green**

**Solidea Group Publications**

<u>Products</u>	<b>2</b>
Cells and Modules	
<u>Projects</u>	<b>6</b>
Development, Finance, Fields, Commercial Installations, PV&CHP	
<u>BiPV</u>	<b>4</b>
Design, Procurement, Installation, New Products	
<u>Lighting</u>	<b>2</b>
Street and Public Transport Utilities, PPP, SSL's	
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Project and Cost Management, Due Diligence, Design Management, Handover, Employer and Lenders Representative, Expert Facade Service	
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# All About EVE®

## EVE - "Energy Value Engineering" - For Competitive Buildings

Typical bench marks	Zero Net Energy/Zero Landfill
Hypermarkets and Supermarkets	<350kWh/m2/yr
Medium Supermarkets	<450kWh/m2/yr
Small Supermarkets	<550kWh/m2/yr
Large Warehouse	From 100kWh/m2/yr
Medium Warehouse	From 130kWh/m2/yr
Small Warehouses	From 150kWh/m2/yr
Large Supermarket	>4 tons per day MSW
Medium Supermarket	>3 tons per day MSW
Small Supermarket	>2 tons per day MSW
Waste to Energy 4TPD	200kWe + 260kWh
1 MWp Solar Panels	500 car parking spaces
1 MWp Solar Panels	>1,5 ha or >15,000m2
1 MWp Solar Panels	= 100kWe in Central Europe
100kWe Solar Panels	CAPEX of >1,500,000 Euro
200kWe+260kWh WtE	CAPEX of <400,000 Euro



**Introducing EVE**

SOLIDEA Group offer the four stages of EVE for our corporate clients worldwide. Our clients care about their environment and their impact, they care about their business and cost savings EVE provides them. All our clients are highly competitive and its they who are setting the standards for the energy performance of the future. They are the leading sustainable business in their field

**STAGE ONE - DUE DILIGENCE**

Any installation can only be bettered if it is without defect or if its defects are understood. In STAGE ONE we will "get to know your project personally". We will provide a building conditional survey, what needs fixing now, what will go wrong in the next few years and full life cycle. We will provide recommendations for cost saving and upgrades setting the road map for the next three stages and ZNE

**STAGE TWO - MONITORING**

It is reasonable to assume that if you can't measure it you can't manage it. Yet most energy monitoring systems provide very little information often only metered by the energy supplier. SOLIDEA will help you choose a monitoring system that puts you in control so you can manage your energy and see the changes we make together with EVE from now on

**STAGE THREE - ENERGY SAVING**

Energy saving is teamwork SOLIDEA focus on team play. Building user surveys, team goals and building user participation is just as important as any energy saving devices, upgrades or control. Together we introduce energy saving devices and controls replacing all inefficient equipment we will reduce energy and cost without compromise

**EVE your advantage**

SOLIDEA save energy, save money, save the environment. We want to reduce impact and add value together. We have teamed with some of the best innovators in our industry, so you can light up your façade tell the world you are green. We want your clients to use as many bath towels as they feel comfortable with. And just like you and your customers we too want to enjoy our latte or train ride knowing it has the least environmental impact.

**Our wealth your cost savings**

SOLIDEA Group draws its wealth from expertise and market knowledge in over 40 countries. We have practical expertise across almost all industry to deliver you the most innovative value added energy, waste and water cost savings

**SOLIDEA Takes you one step at a time**

Critical to any value added service is building confidence as a team. At SOLIDEA we believe in delivering value and building a client relationship one step at a time but with a clear objective from the beginning. EVE is designed to be delivered one step at a time but with a clear roadmap STAGE ONE. We look forward to EVE for you.

**STAGE FOUR - Renewable energy offset**

**Competitive Energy Consumption**

Every building is different but in future every building is judged in one category or another. With compulsory energy auditing on the horizon buildings owners look to reposition their projects after Eve. EVE and renewable energy technology is setting new industry benchmarks every day. Don't get left behind

**Your Offset**

It is possible to offset all the energy from practically every building. However its not always possible to offset all the energy on the same site. Most Hypermarkets, Supermarkets, Warehouses and Office Parks should already be zero net energy, energy producing and even energy cash cows. EVE is ideal for large portfolios we call roll outs "cookie cutters" and for multiple products and stores we use one or more store as control then we roll out the cost and energy savings.

**Understanding Your Buildings Needs**

Its important to manage energy, and without knowing your building needs there is little point to introduce energy saving devices. A typical shopping center uses 6 kW of electrical energy for 1kW of heat an office uses 10kW or more of electrical energy for every 1kW of heat. So many types of renewable energy solutions are simply not going to provide the solutions for ZNE.



**Energy, Water and Waste an Holistic Approach**

Local waste to energy and other renewable solutions working together solve several issues both downstream in the store and upstream in the factory. SOLIDEA will get to know and understand your individual business so we can compare and help you successfully and sustainably deliver on Zero Net Energy. Make no mistake SOLIDEA goal in your team is as close to zero energy bills, zero landfill, greater energy independence and less risk as is possible. We want to establish your industry benchmarks with you benchmarks which will differentiate you as brand or industry leader setting aside the products and services you deliver as number one .