INTELLIGENT MATERIALS
INNOVATIVE PROFESSIONALS
FUNCTIONAL BUILDINGS
CLEAN ENERGY MANAGEMENT

What intelligent engineering can do.
Forward Looking Statements, Advisories & Disclaimer:

Information in this presentation contains forward looking statements, including expectations of projected returns and cash flows. Investors are cautioned that assumptions used in the preparation of such information may prove to be incorrect. Events or circumstances may cause actual results to differ materially from those predicted, a result of numerous known and unknown risks, uncertainties, and other factors, many of which are beyond the control of the EnerDynamic Hybrid Technologies Corp. (TSXV:EHT). These risks include, but are not limited to, industry related risks and market acceptance of the products. Industry related risks could include, but are not limited to delays or changes in plans, risks associated with competition, changes to the cost of solar materials and supplies. The risks outlined above should not be construed as exhaustive. Investors are cautioned not to place undue reliance on any forward-looking information. Investors are further cautioned that the preparation of financial statements in accordance with International Financial Reporting Standards ("IFRS") requires management to make certain judgments and estimates that affect the reported amounts of assets, liabilities, revenues and expenses.

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Enerdynamic Hybrid Technologies Corp. (EHT) is a Canadian-based publicly listed company on the TSX Venture Exchange TSXV: EHT that delivers leading edge energy solutions through its ENERTEC brand.

EnerDynamic Building Systems Inc., EHT’s operating subsidiary, designs, develops, manufactures, assembles, and distributes structural building systems, including modular building / home systems with integrated hybrid alternative energy systems and secondary products. These include alternative energy producing ultra-light solar panels, solar roof panels and on and off grid energy solutions.
ENERTEC: WHAT IT IS

Proprietary Resin System
- ultra-low viscosity
- high reactivity
- environmentally friendly

Multi Layer Composite Structure
- structural (i.e. glass, carbon)
- functional (i.e. RF, IR)
- protective (i.e. fire, ballistic)
- aesthetic (i.e. color, texture)

Environmentally Sound and Sustainable
- VOC free
- low carbon footprint
- recyclable
ENERTEC: THE PRODUCT LINE

❖ Modular Buildings from Fiberglass Reinforced Fire Retardant Structural Insulated Panel or FRSIP.

- **Passive Components**: Creates wall/floor panels of ultra-high energy efficiency to minimize energy consumption in low cost, rapid erection building/housing units.
- **Active Components**: Creates roof panels (also FRSIPs) with embedded, ultra-light solar panels to produce energy for the rapid erection building/housing units.
- **Traditional Building Enhancement**: Deploys passive components within commercial buildings (new and retro-fit) to meet niche industry demands around mould, sound, energy efficiency, weight load limitations.

❖ Ultra-light Solar Panels

- The same active components made available for installation on structures (new or existing) not part of a modular building/home.

❖ PWR Wagon

- A remote or work site, self contained solar energy system, including an integrated battery bank, on a trailer haulable by pickup truck or ATV.

❖ Solar Carport

- A standalone energy system atop a typical carport design providing power for any use while sheltering a car, snowmobile, ATV or boat.
Modular Buildings constructed from Fiberglass Reinforced Fire Retardant Structural Insulated Panel or FRSIP.

Industry Already Established for Structural Insulated Panel but ENERTEC offers a Fire Retardant SIP (UL Class II Fire Rated) - A Brand New Standard

**Passive Components**

❖ Creates wall/floor panels of ultra-high energy efficiency to minimize energy consumption in low cost, rapid erection building/housing units.
   - Panel consists of a thin fiberglass skin used to encase and expanded polystyrene insulation core.
   - 40% lighter than a rough traditional panel and up to 70% lighter than a finished traditional panel.
   - Skin is approved Class II CAN/ULC Fire Rating, no further finishing required.
   - Available in standard thicknesses of 1, 4, and 6 inches, custom up to 12 inches are available.
   - Section dimensions up to 40 feet in length and up to 10 feet in width.
Passive Components

- Close-up of a stack of ENERTEC FRSIP (2 inches) showing the thin, proprietary fiberglass “skin” on each side of the EPS core. The FRSIP can be produced in much thicker dimensions if required for insulation value.
Modular Buildings constructed from Fiberglass Reinforced Fire Retardant Structural Insulated Panel or FRSIP.

Active Components

❖ Creates roof panels (also FRSIPs) with embedded, ultra-light solar panels to produce energy for the rapid erection building/housing units.

▪ Proprietary Patent Pending Process of embedding solar cells into the FRSIP material,
▪ Substantial manufacturing cost savings by eliminating heavy glass panels
▪ Substantial installation cost savings by eliminating labour intensive aluminum racking
▪ Substantial cost savings in shipping and installation labour costs.
▪ Weight reduction to 7.5kg from traditional 18kg per panel greatly expanding the market to include load limited housing structures, industrial units and agricultural applications
ENERTEC CORE PRODUCT: STRUCTURAL INSULATED PANELS

Active Components

*Ultra-Light Solar Panels Embedded in a FRSIP Roof Module*
Traditional Building Enhancement

- Deploys passive components within commercial buildings (new and retro-fit) to meet niche industry demands around mould, sound, energy efficiency, weight load limitations. Generally deployed as internal walls within a commercial space.
Ultra-light Solar Panels

Sold to third parties who are not purchasing a modular FRSIP building but want the benefits of the Ultra-light solar panel

- 66% Reduced Weight
- Higher Capacity
- No Double Roof
- High Durability
- Higher Performance (+3%)
- Low Maintenance
- No Racking
Ultra-light Solar Panels
PWR Wagon

❖ A remote work site, self contained solar energy system, including an integrated battery bank, on a trailer haulable by pickup truck, car or ATV.

❖ Designed to allow for construction site charging of cordless tool battery packs, operation of power washers, fans, work lights and overnight charging of electric lifts.

❖ Capable of powering a microwave oven or low voltage cooler. A single PWR Wagon can charge over 1,000 smartphones simultaneously when outfitted for emergency services applications.

❖ Can be used for outdoor events including camping, weddings, street parties and more. The logical access to the wagon for these applications would be via local equipment rental agencies which can add the wagon to their rental stock.

❖ Can be outfitted with water purification equipment for converting sea water to fresh water or purifying fresh water of all contaminants.
ENERTEC PRODUCT: PWR WAGON

PWR Wagon
ENEETEC PRODUCT: RAPID ERECT DISASTER RELIEF

Shelters with Embedded Solar for Disaster Relief:
BENEFITS OF ENERTEC FUNCTIONAL BUILDINGS

VERY FAST ASSEMBLY
EXPANDABLE MODULAR DESIGN
ENERGY EFFICIENT

❖ proven technology
❖ highest quality standards
❖ planning and execution experience
❖ technology transfer
❖ lean manufacturing in remote areas
❖ environmentally friendly materials
ENERTEC HOUSING

Typical House Design
ENERTEC HOUSING: DEMO HOUSES

Two Bedroom with Solar Embedded Roof

One Bedroom with Solar Embedded Roof

Both Houses exterior were built in 3 days and completely finished in 15 days.