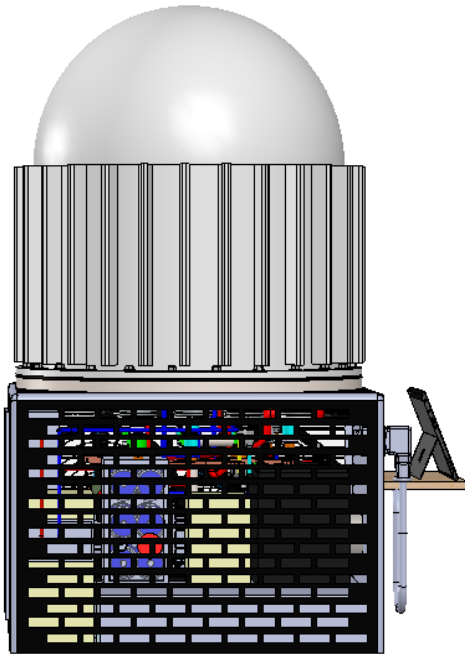




**brilliant**  
**LIGHT POWER**

Dominic Jones

Washington, D.C.  
**Roadshow**



## SunCell® Generator

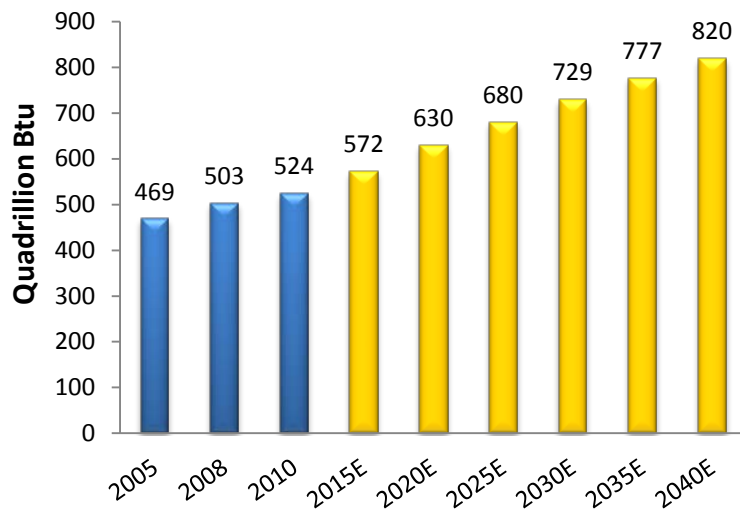
An autonomous, clean, power generator creating energy from water fuel

- Create a generator from an entirely new power source (Hydrino® process) that is safe, clean and economical
- Launch the SunCell® generator in 2018 for initially stationary power generation applications
- Directly lease SunCell® technology to ~30 countries worldwide and work through distributor partnerships to service the rest of the world
- Disrupt the legacy grid power model on a global basis and provide clean, economic, accessible energy to all
- Indirectly solve climate change, the world energy shortage, reliance on fossil fuels, and the geo-political challenges they create

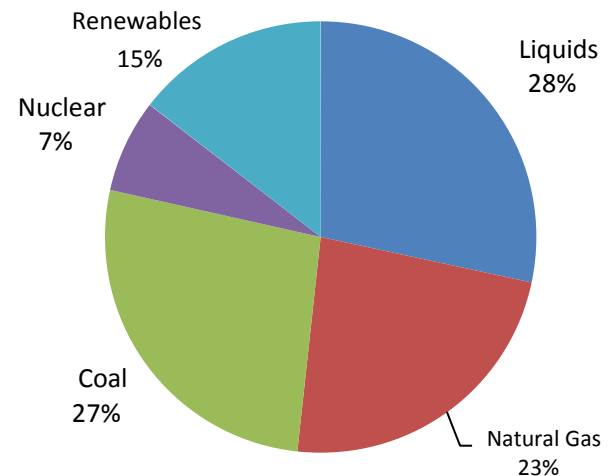
# Global Market

- \$8 trillion~ expended on total fossil fuels globally in 2013
- \$1 trillion+ annually for energy infrastructure through 2030
- Energy demand has nearly doubled over the past 20 years, projected to increase 56% from 2010 to 2040
- Renewable energy to satisfy only ~15% of demand by 2040
- Wind and solar are relatively poor sources of base load power

Global Energy Consumption



Global Energy Use by Fuel 2040



# Global Electricity

- \$3.5 trillion~ global market at \$0.12 per kWh at site
- \$1.5 trillion addressable market for SunCell at breakthrough rate of ~\$0.05 per kWh
- 28% demand increase by 2025

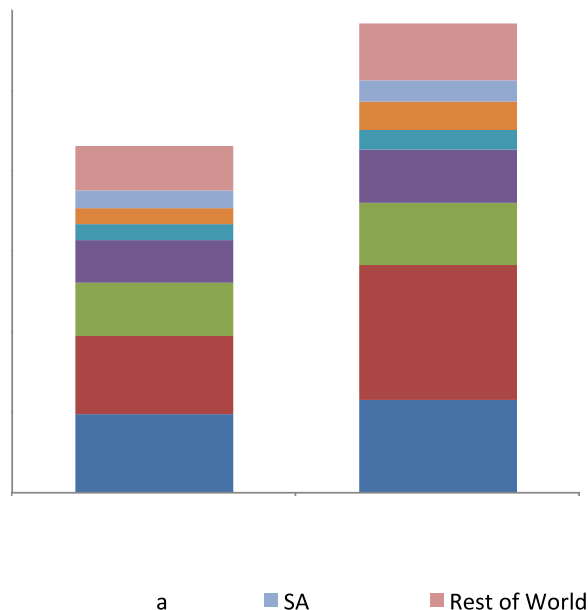
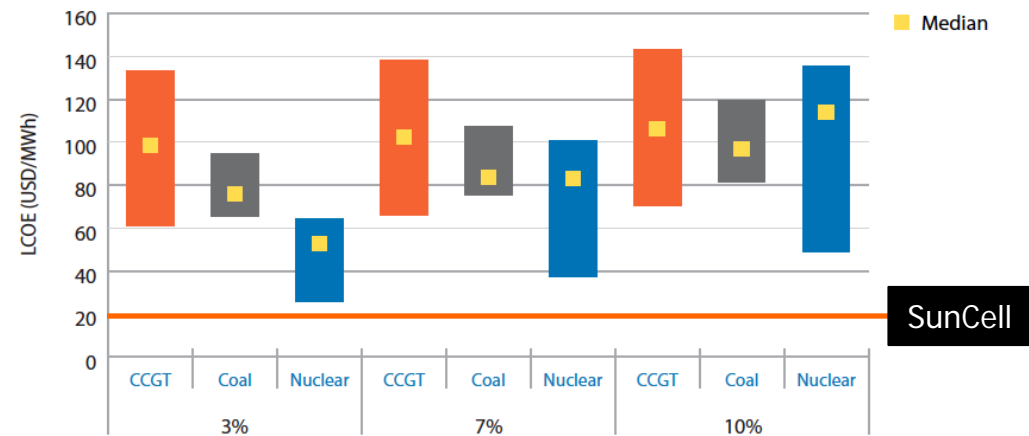
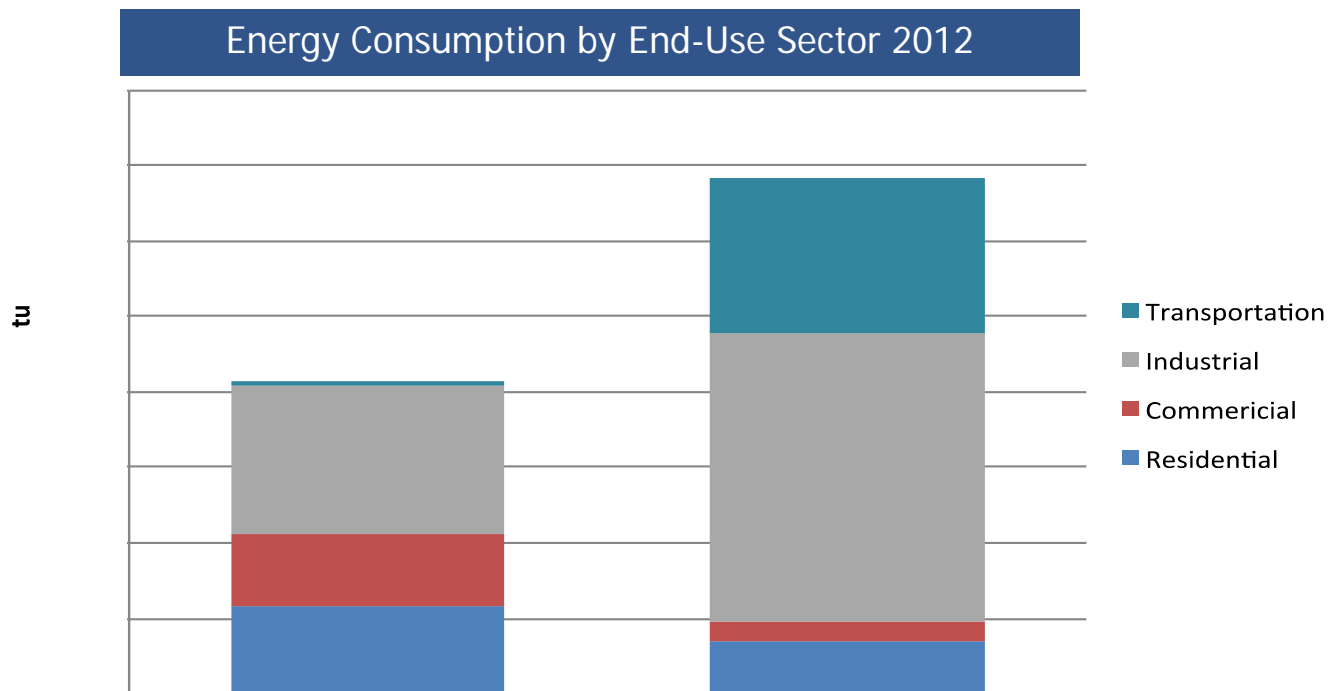


Figure ES.1: LCOE ranges for baseload technologies (at each discount rate)



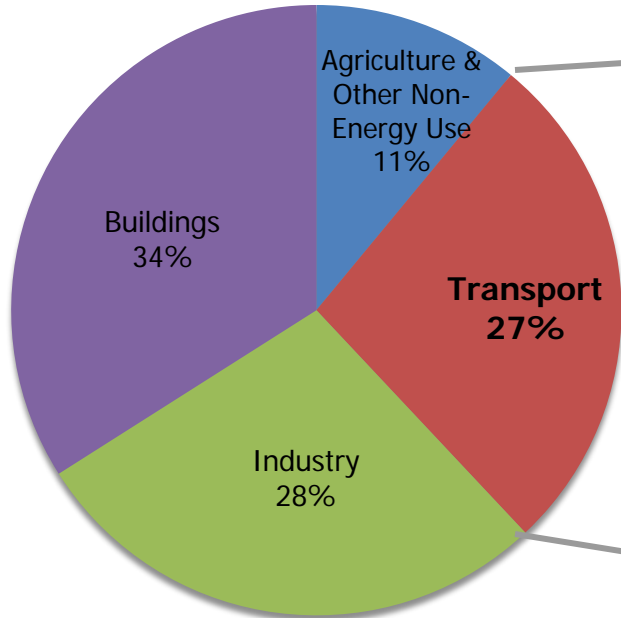
# Global Electricity and Other Energy Sources

- Global electricity markets an obvious fit for SunCell – 42% value and 38% of total energy use
- SunCell applications in non-electric markets even bigger potential
- Energy use expected to expand with disruptive technology, as seen in telecommunications

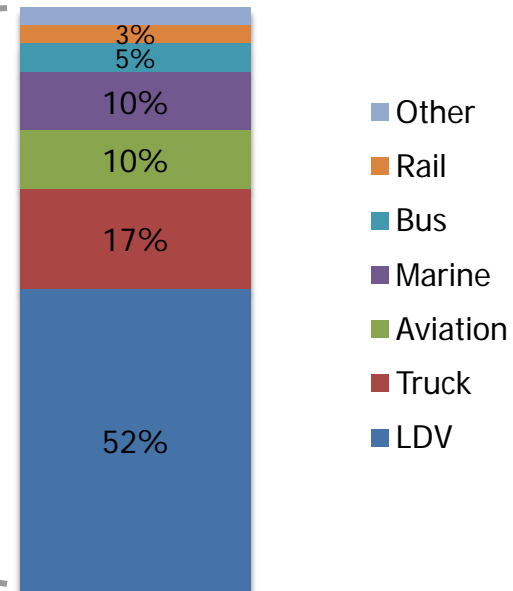


# Global Motive Energy Use

Global Energy Demand by Sector (2012)



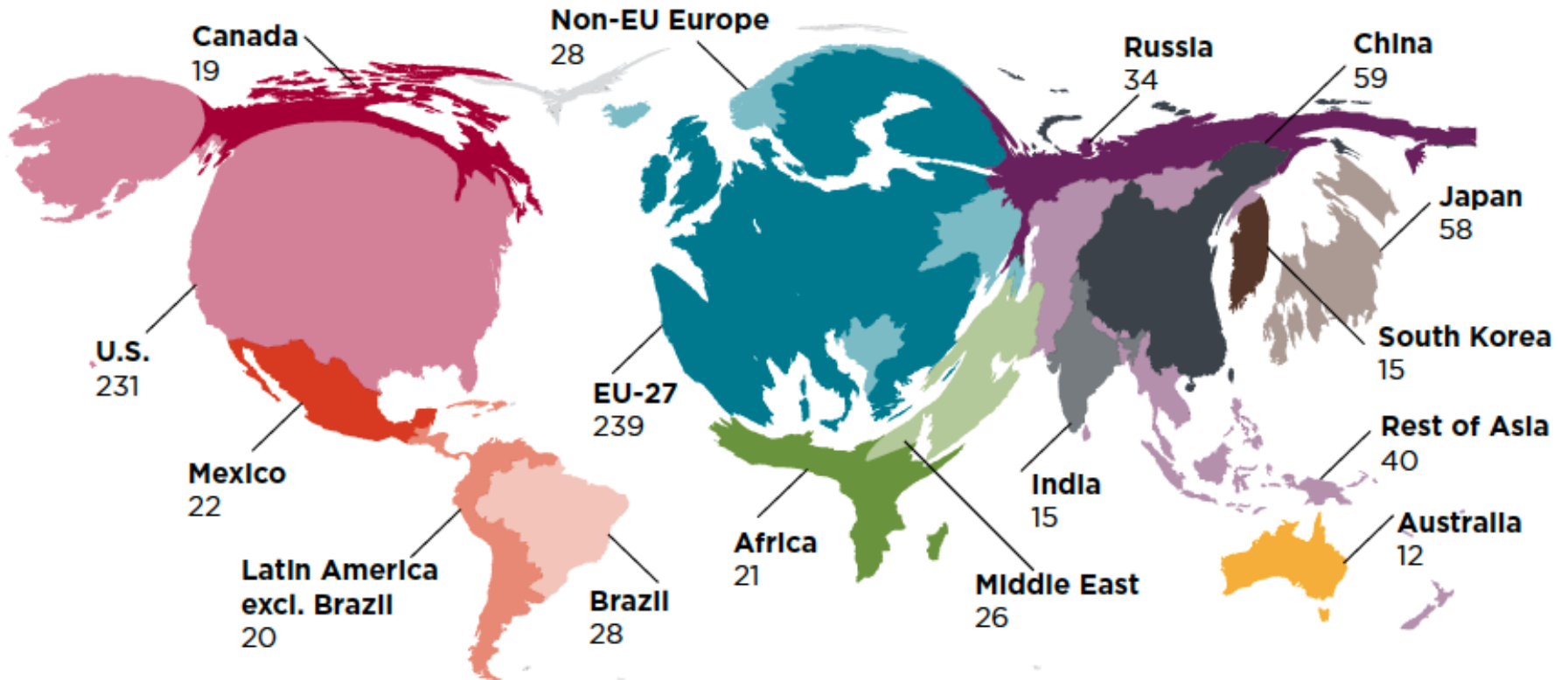
Transport Energy Use by Type



- Transportation consumes ~2,200 million tons of oil equivalent (Mtoe) of energy each year or 25,586 Terawatt hours.
- 700M+ Passenger Car population drives energy use, but hours of operation relatively low (~5% of time)

# Vehicle Population Provides Large Opportunity

Passenger Car Vehicle Stock 2013 (millions)



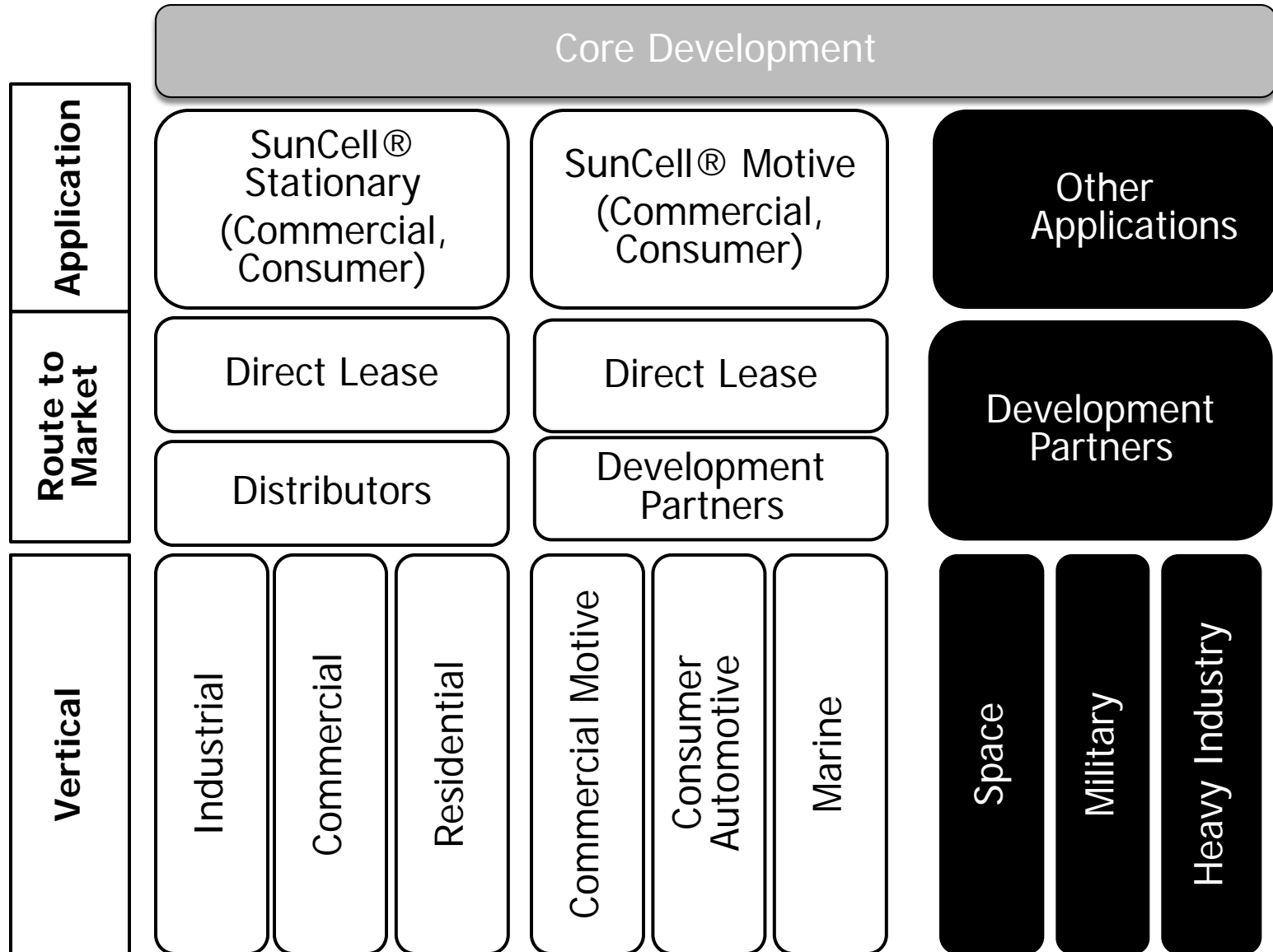
2015 Production: 68M Passenger Cars and 18M Light Duty Trucks

A satellite-style image of the Earth at night, showing the continents and oceans. The landmasses are illuminated with a blue glow, and numerous small yellow and white lights represent city lights and urban areas, particularly concentrated in North America, Europe, and East Asia.

**Safe, economic, accessible, clean power.....**



# Simplified Go-To-Market Model



# Launch pricing model – Direct lease

Item	BrLP Charges (150kW Unit)
SunCell® Lease	\$90 per day (5¢ per kW/h @ 50% utilization, 2.5¢ per kW/h @ 100% utilization)
One Time Installation Charge (per 150kW unit)	\$2000

## Brilliant Light Power is responsible for:

- Installation
- Certification & insurance
- Maintenance
- Customer management & billing

*Note: BrLP outsources installation and maintenance to 3<sup>rd</sup> party installation and maintenance partners*

# Launch pricing model – Distributor

Item	BrLP Charges
Distributor lease price	\$45 per day for 150kW unit (Distributor limited \$90 per day sell min. price)
Licensing Fee	\$5,000 per MWe
Paid on order	\$75 per Kwe (\$11,250 for 150kW unit)

## Distributor is responsible for:

- Installation
- Certification & insurance
- Maintenance
- Customer management & billing

*BrLP owns and warrants each unit. BrLP provides 3<sup>rd</sup> line support backed up by manufacturer guarantees*

## *Strategic Partners*

- A partner that is an early adopter of SunCell®.
- The Strategic Partner works with BrLP throughout the field trial and production proof of concept phase of the Commercial Launch of a the SunCell®.
- Are offered strategic investment opportunity in BrLP and receive discounted power for their own commercial use.

## *Development Partners*

- Motive, Defense, Space and Heavy Industry applications
- A commercial interest in the core development of the Hydrino® derived energy source and its derivatives
- Has the engineering and production capability to be able to produce products other than SunCells®.
- License the intellectual know-how of generating Hydrino® based energy to solve for heat, light or power requirements in their own applications.

# Properties of interest for Development Partners



**HEAT**

Opportunities to use Hydrino® process to produce heat for applications including superheated boilers, heat pumps, sintering and other commercial systems that generate heat as a primary function



**LIGHT**

Opportunities to use Hydrino® process to produce light for applications that require or generate light to perform their primary function, e.g. Photochemical, material refining, industrial lighting



**GAS**

Opportunities to use the Hydrino® process to produce Di-Hydrino gas that can be used as an economical replacement for Helium with numerous commercial and industrial applications



**POWER**

Opportunities to use the core SunCell® technology to support applications that are not yet considered for SunCell® generators e.g. Military weapons systems power, Space exploration, heavy industrial use

## ***TARGET:***

***10GW of presold capacity for commercial launch***

### **For 10GW deployed over 24 months:**

(assumes 50% lease direct / 50% Distributor)

- 66,667 x 150kW units
- \$25M Distributor licensing fees
- ~\$67M in installation fees  
(~\$2000 per direct install)
- ~\$375M in equipment charges  
(est. \$75 per kW)

**Ramp to ~\$1.7BN in a recurring revenue**





Thank you!

For more information please visit us at [www.brilliantlightpower.com](http://www.brilliantlightpower.com)