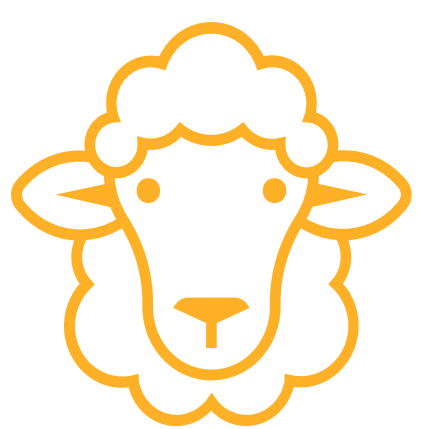




Invenergy

Horseshoe Solar

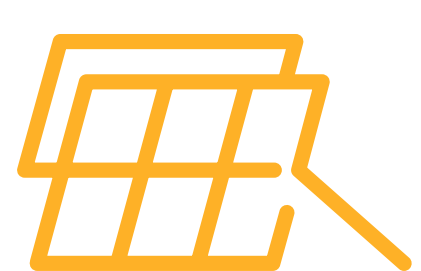
Horseshoe Solar would be the largest solar grazing operation in the Northeast, presenting unique benefits for Finger Lakes farmers.



3,000+ sheep will graze and maintain the grass, preserving the productivity of the land while giving farms the opportunity to increase their flock and expand their business.



As 75% of lamb consumed in the U.S. is imported, solar grazing allows **farmers raising grass-fed, local lamb to sell their products regionally** and compete with the price point of imported lamb.



Solar areas provide much **needed food and forage for beekeepers** and are compatible with pollinator projects and soil regeneration.

About Horseshoe Solar



180 megawatts



1,260 Acres

less than .003% of Livingston County



Located

in Caledonia and Rush



**50,000 households
powered annually**

the equivalent of two times the number of
households in Livingston County

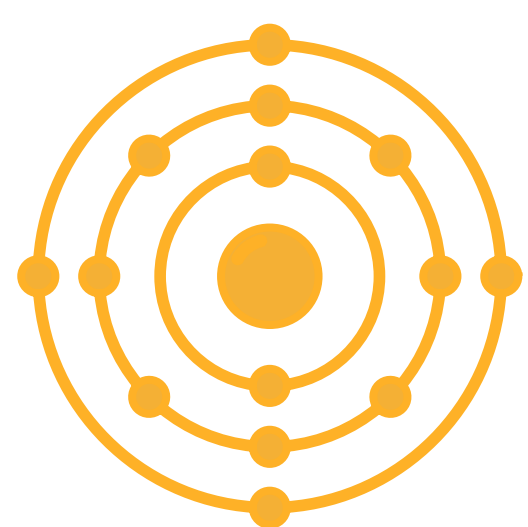


**Equivalent of 40,000+
cars off the road**

over the project lifetime

Safety

Horseshoe Solar will use silicon-based panels, which have been produced commercially for more than 70 years and account for over 90% of the solar panels installed today.



The solar cell itself consists of nearly 100% silicon, which is **nontoxic** and is the second most common element in the Earth's crust. The cell is contained within glass panels with aluminum frames, and these common building materials make up more than **80% of the module's weight**.



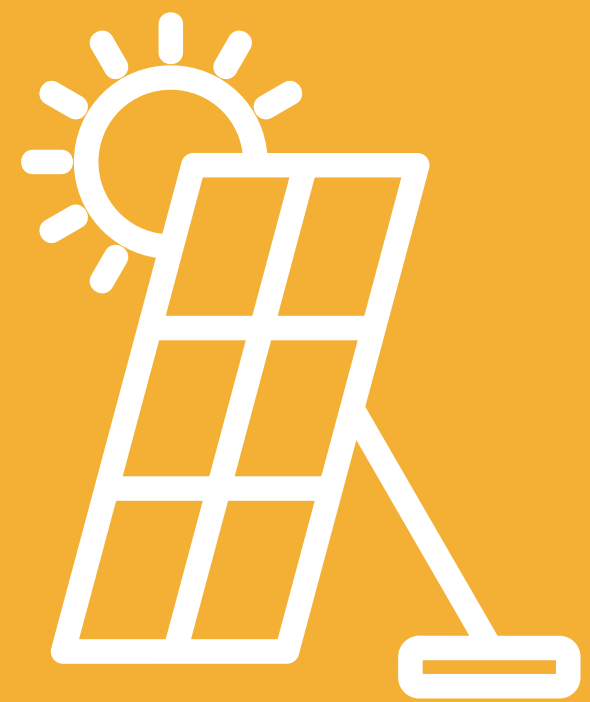
While trace amounts of heavy metals may be contained within the electric connections (e.g. solder) within the panels, they pose no significant hazard as they are chemically bound to other components. Modern solar panels are **not considered hazardous** according to EPA tests for toxicity.



The glass panels include the **same plastic film that keeps car windshields from shattering**. In the event that a solar panel cracks, all the components will stay within the panel until it is removed and replaced with a new panel.

Recycling and Decommissioning

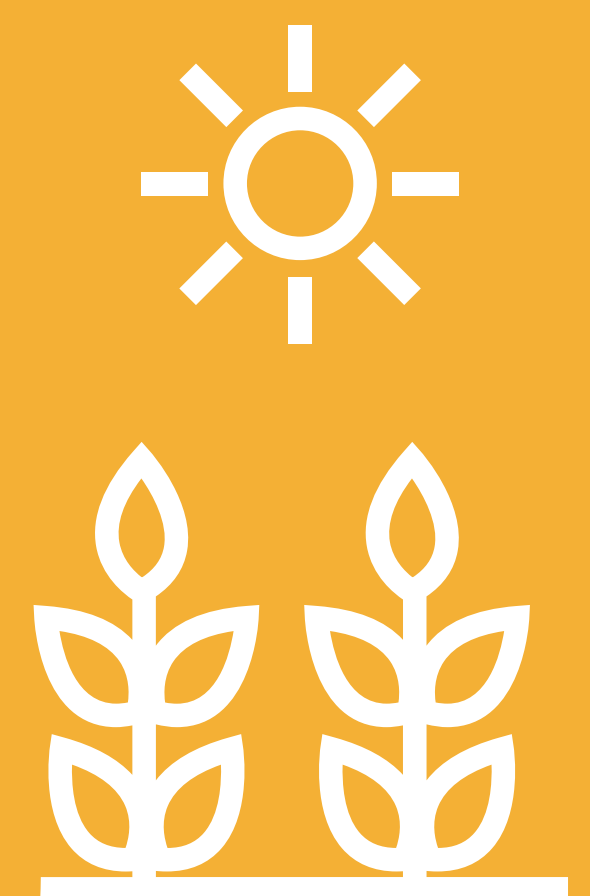
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Recycling

Panel recycling programs are in their infancy because most panels are too young to need recycling yet. However, based on widespread deployment of solar around the world, recyclers are ramping up their processes to handle the eventual need for solar panel recycling at scale.

Decommissioning



Horseshoe Solar will post a bond with the towns before construction begins to cover the complete cost of decommissioning (taking down) the facility. Horseshoe Solar will follow NYS Department of Agriculture and Markets Guidelines to return the land to farming in as good or better condition than we found it. Just like land put into the USDA's Conservation Reserve Program, the long-term sod under the solar panels will increase soil organic matter, reduce erosion, and increase biodiversity compared to current conditions.

Local Economic Benefits

**Horseshoe Solar Farm
will bring jobs and economic
development to Western
New York**

The project will contribute:



\$30 million+ in new tax revenue
(a 1,400% increase from current tax revenue)

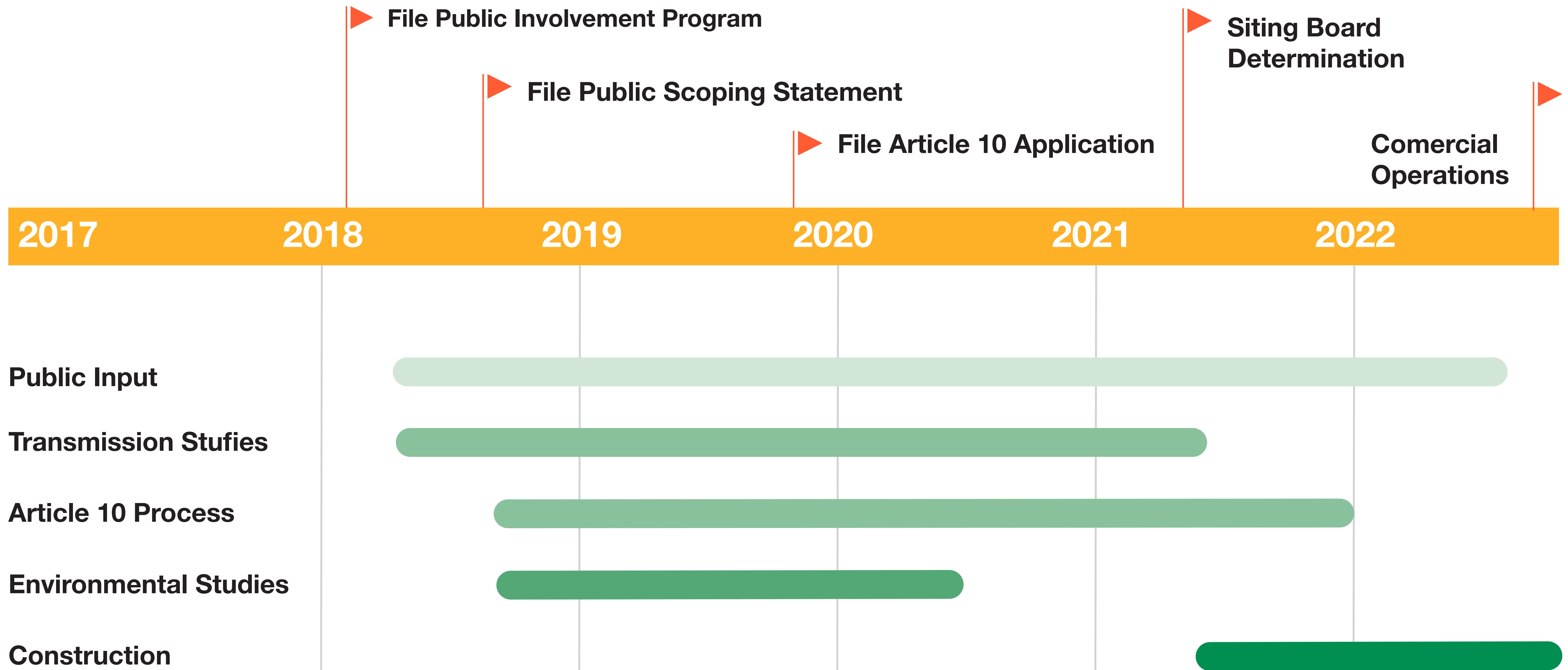


\$23 million in landowner payments



300 – 400 prevailing wage construction jobs
and **\$28 million** in payroll over 1.5 years

Horseshoe Solar Timeline



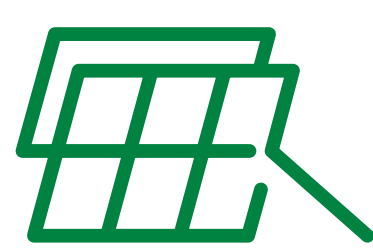
About Invenergy

Invenergy develops and operates sustainable energy projects around the world.



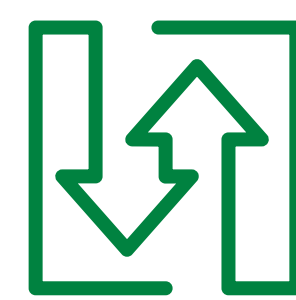
**96 WIND
PROJECTS**

14,914 megawatts



**30 SOLAR
PROJECTS**

3,351 megawatts



**13 STORAGE
PROJECTS**

653 megawatt hours,
260 megawatts



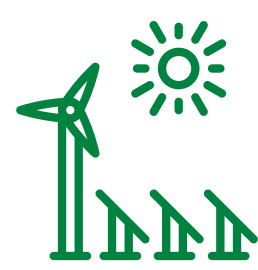
**11 NATURAL GAS
PROJECTS**

5,641 megawatts

Invenergy is the world's leading privately held sustainable energy company.



**1,000+
EMPLOYEES**



**150 PROJECTS
DEVELOPED**

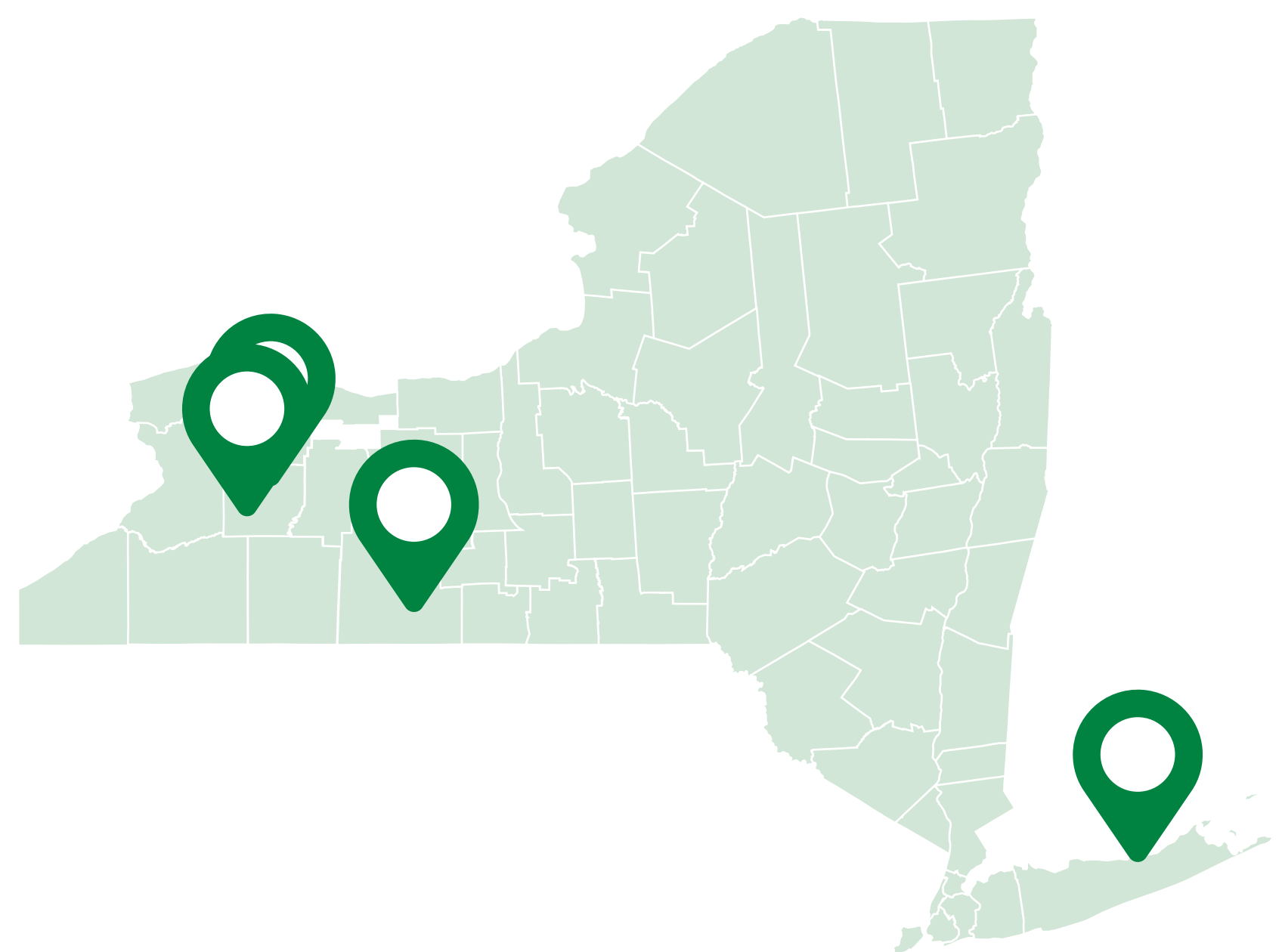


**\$33 BILLION+
COMPLETED
TRANSACTIONS**



**4.7 MILLION
HOMES POWERED**

Invenergy operates 4 wind farm projects and 1 solar project across New York in the towns of Sheldon, Orangeville, Jasper and Shoreham.



Invenergy