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Serial No

# Alternative ↓ Energy

**GNX Industry** is joining hand with US gov for clean energy Project and these projects are taking place across America, underscored by the steady expansion of the U.S. Renewable energy sector.

With The clean energy industry generates hundreds of billions in economic activity, and is expected to continue to grow rapidly in the coming years. There is tremendous innovations and new economical opportunities for the countries that invent, manufacture and export clean energy technologies.

## Upcoming innovation

U.S. Department of Energy (DOE) announced approximately \$40 million in FY 2019 funding for 29 projects to advance the H2@Scale concept. The focus of H2@Scale is to enable affordable and reliable large-scale hydrogen generation, transport, storage, and utilization in the United States across multiple sectors. Funded through the DOE's Office of Energy Efficiency and Renewable Energy (EERE), with contribution from DOE's Office of Nuclear Energy, the selected projects will advance hydrogen storage and infrastructure technologies and identify innovative concepts for hydrogen production and utilization including grid resiliency.

“The H2@Scale concept is a critical piece of the country's comprehensive energy strategy and an enabler of multiple industries in our economy,” said U.S. Secretary of Energy Rick Perry. “As an energy carrier, hydrogen has the potential to unite our nation's domestic energy resources. These selections support DOE's mission and advances our commitment to enable economic growth and energy security through the development of more affordable hydrogen technologies.”

These innovations having following benefits over conventional .



# Alternative Energy

- Are renewable sources, that is, they are not limited in quantity.
- Do not emit greenhouse gases.
- Air and environment are not contaminated with waste or emissions.
- Economic benefits including energy independence from the supply of traditional energy sources.
- Financial benefits as nature provide free opportunity to get the benefits

# Metal ↓ Industries

GNX Industry in one of the top innovator in metal industry.



Successful innovation has to be built on the foundation of a clear strategy. And here the metals executives in our survey view their companies as doing rather well. 79% of them tell us they have a well-defined innovation strategy compared with only 63% in the full survey across all sectors. Indeed, this result is on par with the top innovators that we identified. Also 79% of the 'top innovators' also reported a well-defined innovation strategy compared with only 47% of the least innovative companies. It is the same story with metals respondents' assessment of how successful their companies have been in implementing their innovation strategies. Whereas only 64%

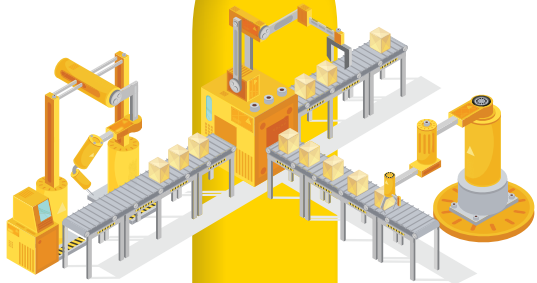




of executives across all sectors reported success, it was a much higher 82% among metals executives and, again, this was exactly in line with the result among the 'top innovators' in the wider survey.



# INDUSTRIES



Metals innovation has a major impact on everyday life. For example, new “liquid metal” high tech alloys are set to make the next generation of phones lighter and stronger. Stronger, thinner and lighter metals are at the heart of modern car and engine design.



# Oil



# Exploration

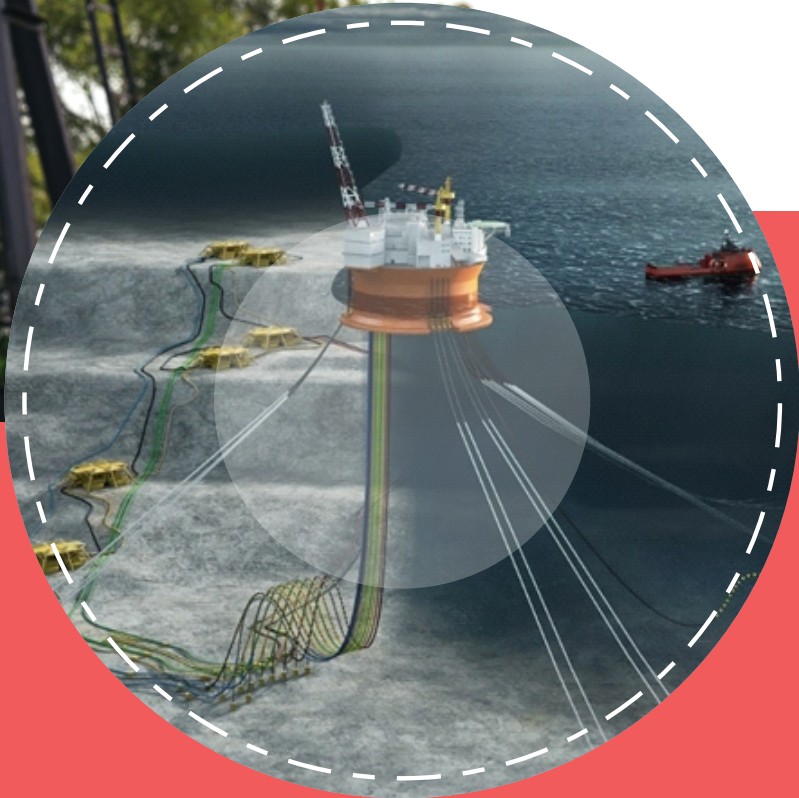
GNX industry is one of the key Program partner for development of the innovative technologies.



The data the program partners collect should prove extremely valuable as Mexico's offshore exploration and development licensing auction process proceeds. As Schlumbergera explains: "The complexity and variability of the geological areas being surveyed require a set of consistent, advanced work flows to maximize bandwidth, while producing data with strong low frequency content for sub-salt areas and high-resolution data for non-salt areas of the basin."

The offshore exploration partners will make use of a combination of broadband pre-processing and high-resolution steep dip reverse time migration (RTM) and Kirchhoff imaging algorithms. The results are expected to be ideal for prospect identification and exploration.

These innovations will put more efficiency and effectiveness



# Pharmaceutical Research

GNX industry invest human brain capital for research projects as value addition to community development.



President Obama's \$215 million Precision Medicine Initiative and a plethora of genomics research companies, genome projects are beginning to gather momentum. The FDA has expedited programs for targeted therapies which can reduce the time that it takes to bring these therapies to market.







In the UK, GlaxoSmithKline, Roche, AstraZeneca, Biogen, AbbVie and others are reportedly working with Genomics England on their project to sequence 100,000 genomes from 70,000 NHS patients with rare diseases and cancer, and both Roche and Pfizer have also agreed deals with 23andMe to access their community of patients with Parkinson's and Crohn's disease respectively, to look for genetic clues to their causes.



# Agriculture ↓ Engineering

## Data preserved in soil

Innovative farming ideas, such as digital soil mapping, especially in data-sparse regions such as Africa, are key to planning sustainable agricultural intensification and natural resources management. With open access, these interactive maps are publicly available to be explored on Google Earth.



For traditional farming models, perhaps the primary determinant of supply capacity is simply the availability and suitability of land. However, any idea of future potential must be built on current data, with what data there is then mapped to tell the story of a region. This story is effectively written in the dirt, the soil.

**GNX** industry innovating by funded by the Bill and Melinda Gates Foundation, the ISRIC World Soil Information AfSIS project has

forged key partnerships with governments, plus a range of stakeholders and academic institutions, including the Earth Institute at Columbia University.

In the media, drones have mostly been associated with the military and spying, plus the odd pizza-delivery publicity stunt, but it could become one of the most useful innovations in agriculture, if used wisely.



An annual competition in the United Arab Emirates, UAE Drones for Good Award, acknowledges both drones' dark reputation and the fact that things are changing. Competition finalists this year pitched benefits for unmanned aerial vehicles from conservation support to medical deliveries, as well as farming help.



# Pizza Ovan



# WARRANTY CARD



MODEL

SERIAL NO

WEIGHT

Buyer's Name: .....

Contact no: .....

email: .....

Date of purchase .....

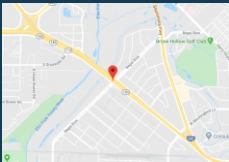
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