



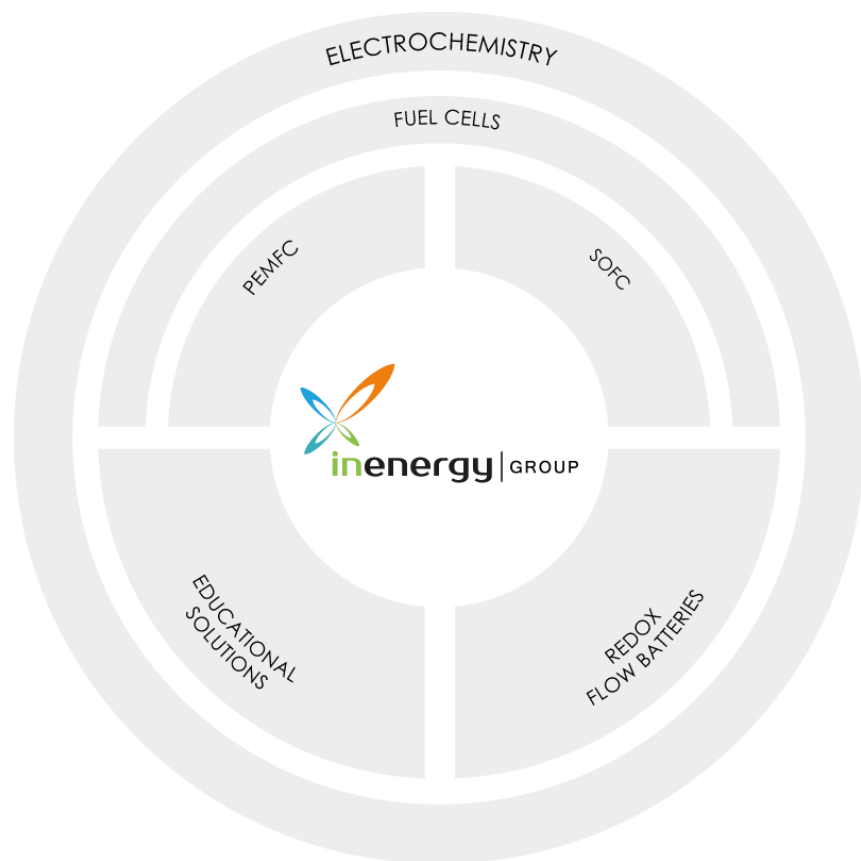
DEEP TECH IN SUSTAINABLE ENERGY

THE STORY OF INENERGY – FROM STARTUP
TO SCALABLE ENTERPRISE

SME agenda for the new
reality/AEB Webinar



InEnergy – Russian technological leader in electrochemical solutions for sustainable energy



Founded in **2015**

100 employees

60 researchers

15 with PhD degrees

10 joint laboratories, including **5** – with institutes of the Russian Academy of Science

Among top five Russian **most innovative** companies and top ten **with fastest grow**

Annual growth of **44%** five years in a row

Developing **4** innovative products

Manufactured **5000** fuel cell stacks. Largest developer and producer of fuel cells in Russia

Over **30** patents and know how

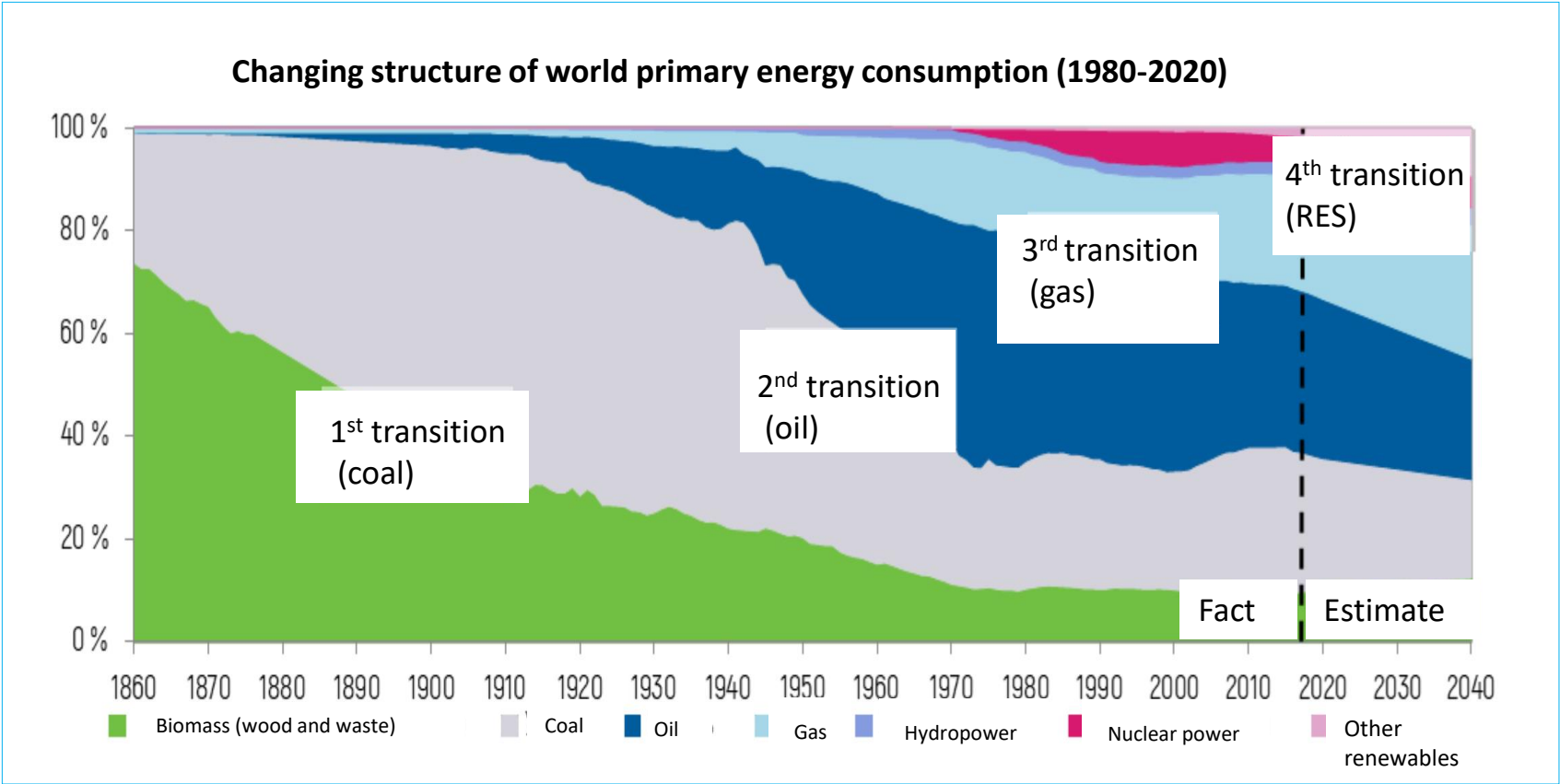
Key technologies along the fuel cell value chain

TRANSITION TO LOW-CARBON ECONOMY

A global change is taking place worldwide – THE FOURTH ENERGY TRANSITION – driven, primarily, by decarbonization and low carbon development. New technologies, digital transformation, public demand for cleaner environment are changing the face of energy systems and modality of energy consumption.

DRIVERS OF NEW NEW ENERGY

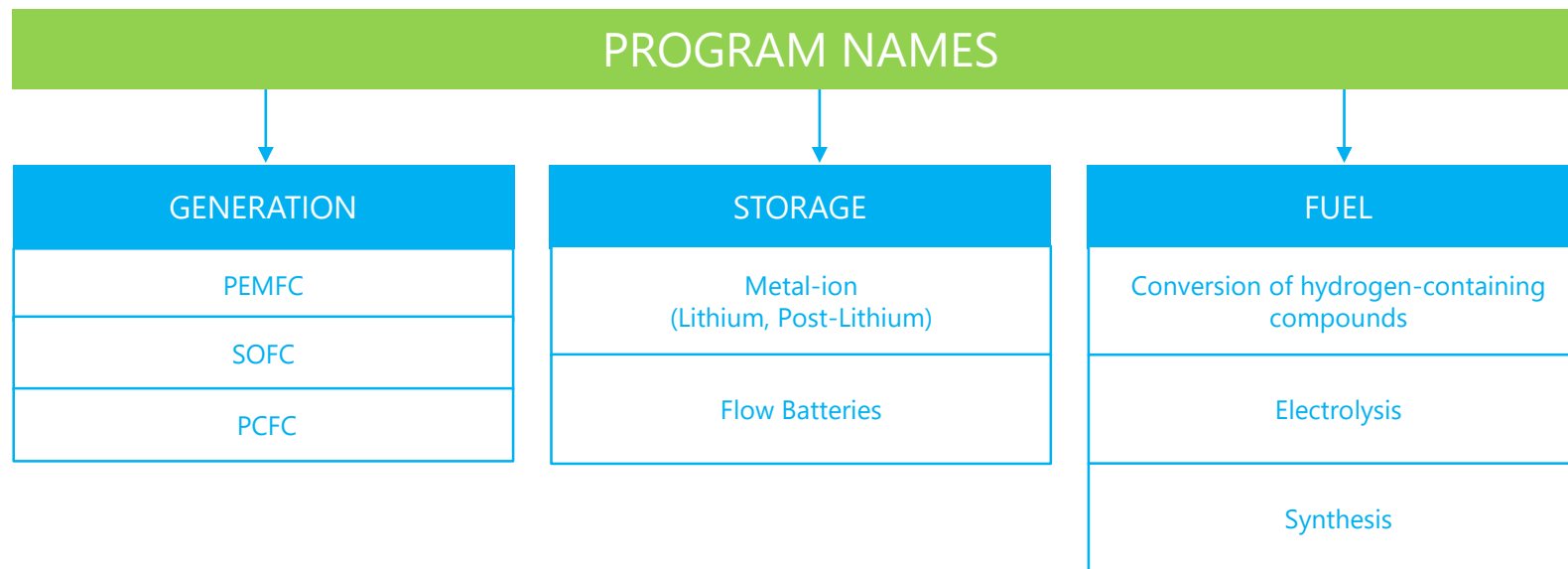
- Government policies (decarbonization, energy security, access to energy)
- Technological development
- Decentralization



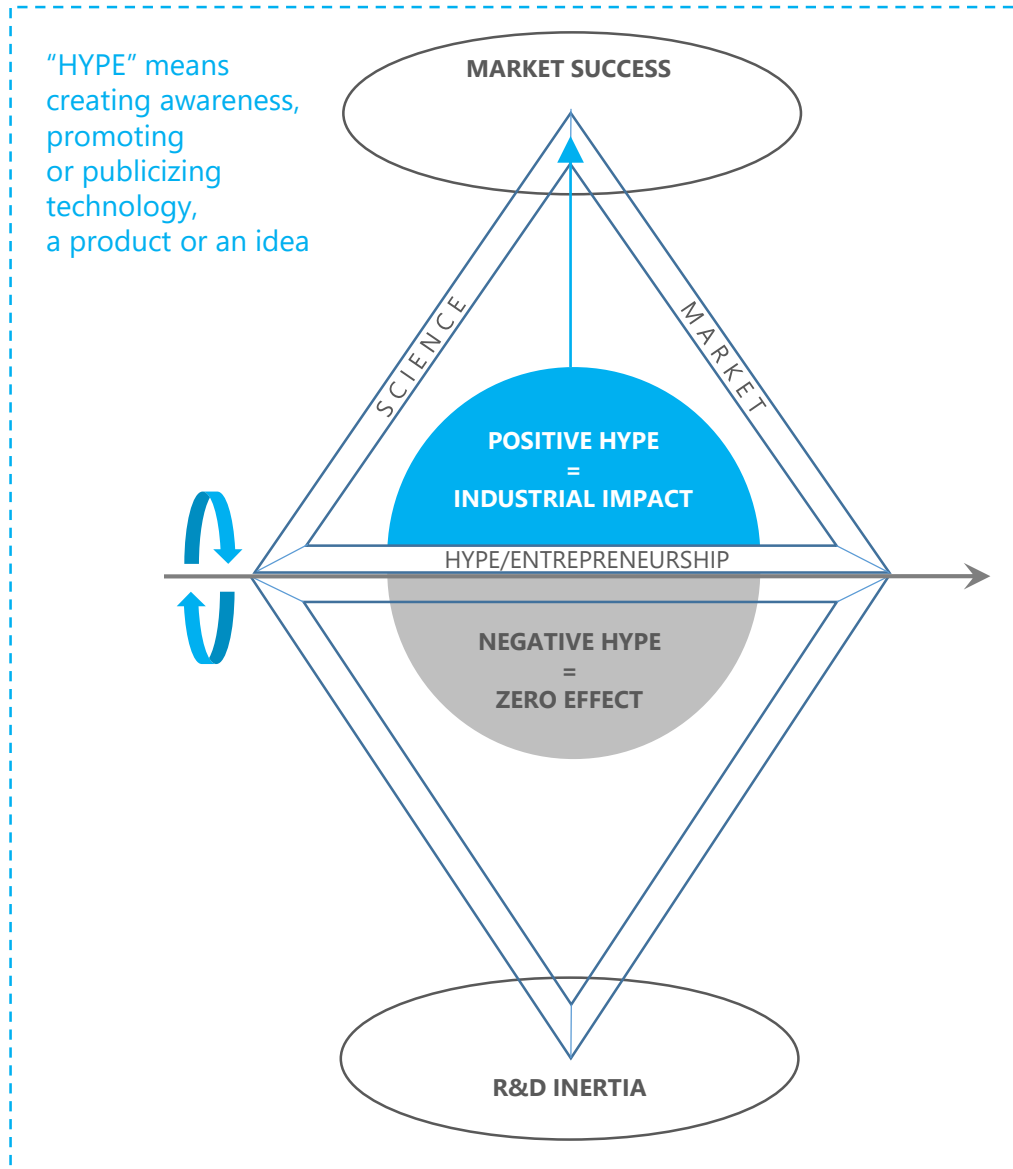
Based on Forecast of energy sector development, The World and Russia, (INEI, MMS, Skolkovo, 2019)

PROGRAM NAMES

- At the initiative of InEnergy a program for **New and Mobile Energy Sources (NAMES)** has been created and approved
- The program contains three areas: Generation, Energy Storage and Fuel
- The program focuses on the use of Russian technologies and the development of domestic science and production
- The state support is structured through various development institutions based on the various stages of projects



SCIENCE, HYPE AND ENTREPRENEURSHIP

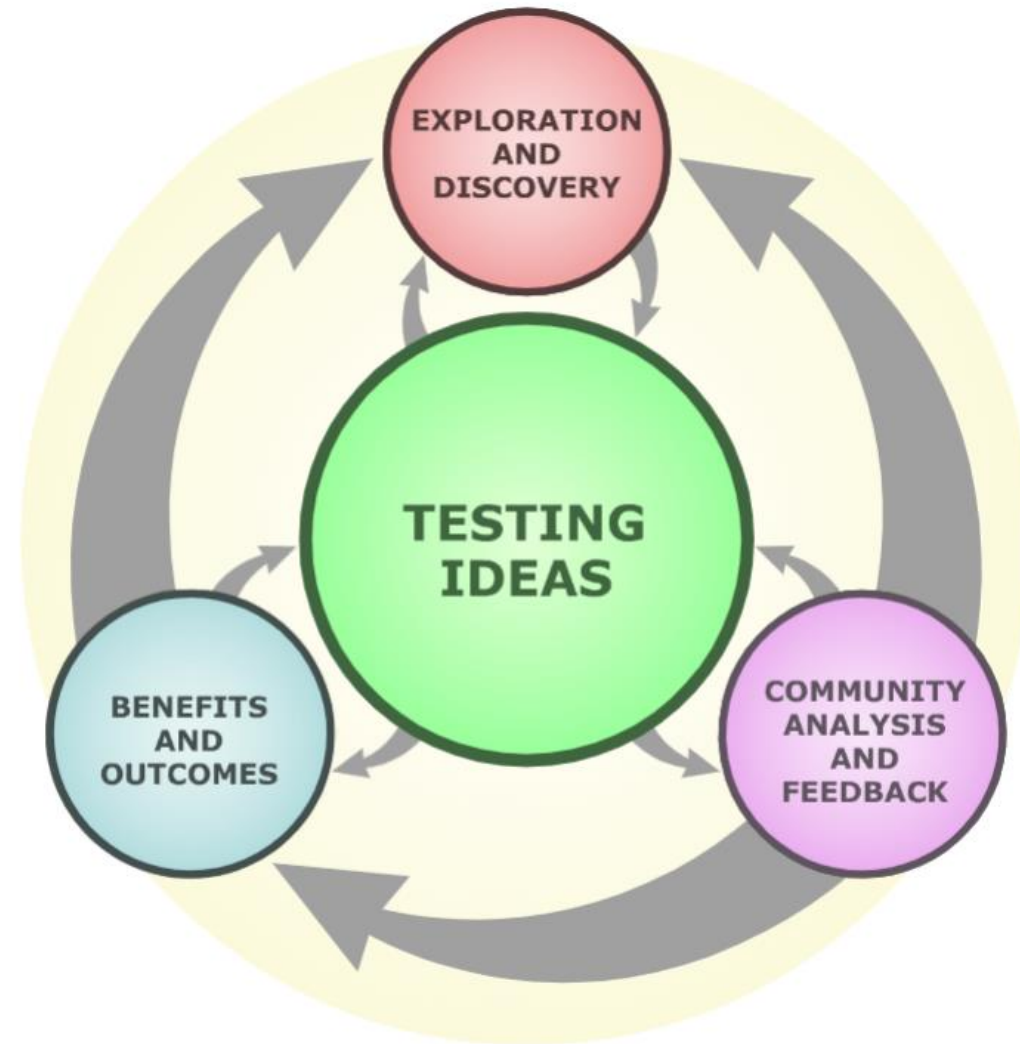


Does one have to be an **EXPERT IN SCIENCE** or be a **EXPERIENCED BUSINESS PERSON** who has a skill for taking a scientific idea and turning it in a successful technology or product? Or **DOES ONE HAS TO BE SOMEWHERE IN BETWEEN?**

We should create a holistic approach by embracing all aspects of technology development – from science all the way to the market. This will allow us to:

- manage the hype
- promote scientific research
- manage technological trajectories
- form future markets
- and...finally make a difference in the lives of mankind!

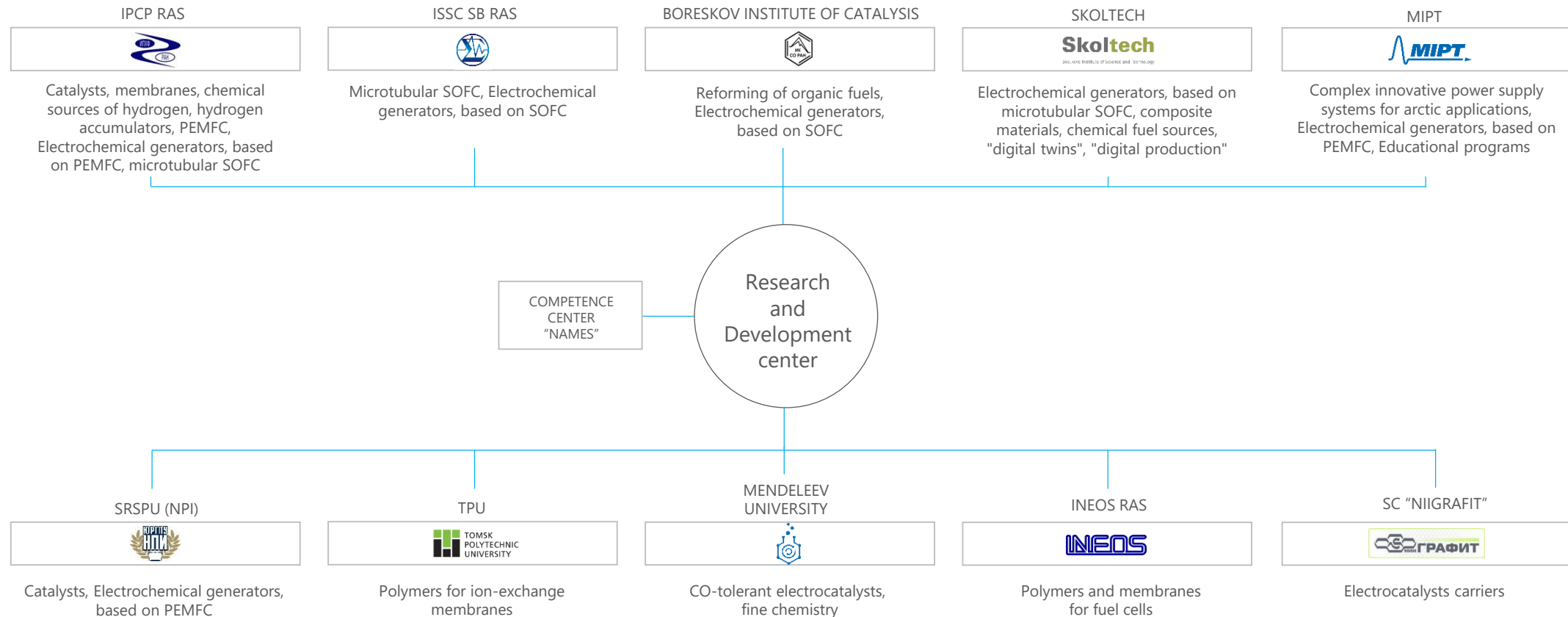
TESTING IDEAS – A FULL CYCLE



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MAKING A DIFFERENCE WITH ELECTROCHEMICAL TECHNOLOGIES

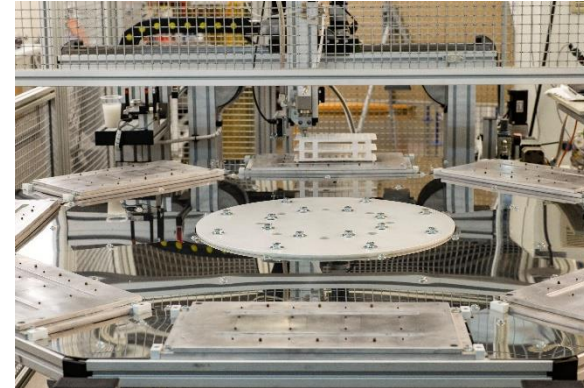
Distributed R&D center with the leading research institutions of the Russian Federation allow us to solve fundamental and applied problems for the development of principally new products for the global market



INENERGY AS A DEEP TECH SME. A BRIDGE FOR INTERNATIONAL COOPERATION

WHAT MAKES INENERGY UNIQUE:

- Extensive scientific expertise with the ability to transfer knowledge and the retention of the expertise.
- A start-up mentality. A 'project factory' approach.
- Similar to a venture fund which explores start-ups and small-to medium-sized enterprises with strong growth potential with high-risk/high-return opportunities.
- A distinctive position – a link between the science and the market prosumers by way of creating technology hubs with the depth and breadth of the knowledge base.



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THANK YOU FOR YOUR ATTENTION

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INENERGY GROUP

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