



Qatar Open Innovation Program Overview QRDI Council

February 2022

QRDI 2030 defines seven elements through which Qatar will transform its RDI ecosystem

Scientific Research



Academic and research institutions that produce new knowledge and technologies and contribute to building the next generation of scientists and engineers

Innovation



Business and government that can develop, adapt and deploy R&D-based solutions for economic and societal impact

RDI Talent



A strong base of domestic and foreign RDI talent that drives research and innovation in Qatar

RDI Funding



Sustained and well-balanced RDI funding that enables the realization of transformation objectives resulting in a healthy mix of public and private RDI activities

RDI Governance



Governance that enables strategic alignment of RDI activities, swift decision making, responsible allocation of RDI funding, effective monitoring and flexibility to course-correct in a timely manner

RDI Regulatory Environment



The right policies and regulations to encourage and support mobility of ideas, talent and capital, and the conduct of ethical and safe RDI activities

RDI Information Systems



Information systems and knowledge platforms that enhance synergies, provide transparent access at the appropriate levels, optimize resources and enable evidence-based decisions



And five national priority areas through which future RDI efforts will focus

Energy



To support the competitiveness and sustainability of Qatar's energy sector through the development and deployment of technological solutions

Health



To address the pressing health challenges of Qatar's population through relevant research and its translation into clinical care outcomes

Resource Sustainability



To support the sustainable management of Qatar's environmental, food and water resources through research and technological solutions

Society



To enhance the nation's ability to address current and future needs of all communities in Qatar, preserve cultural values and empower the next generation

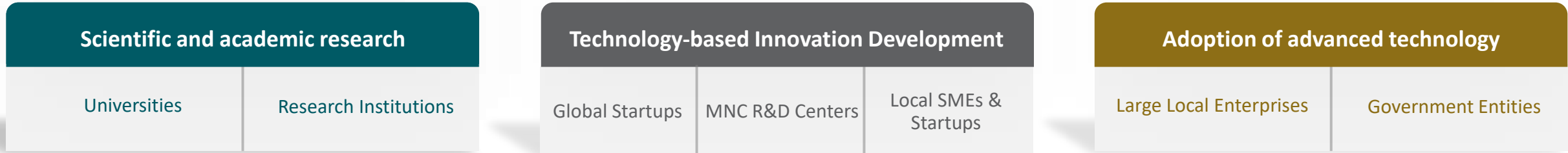
Digital Technologies



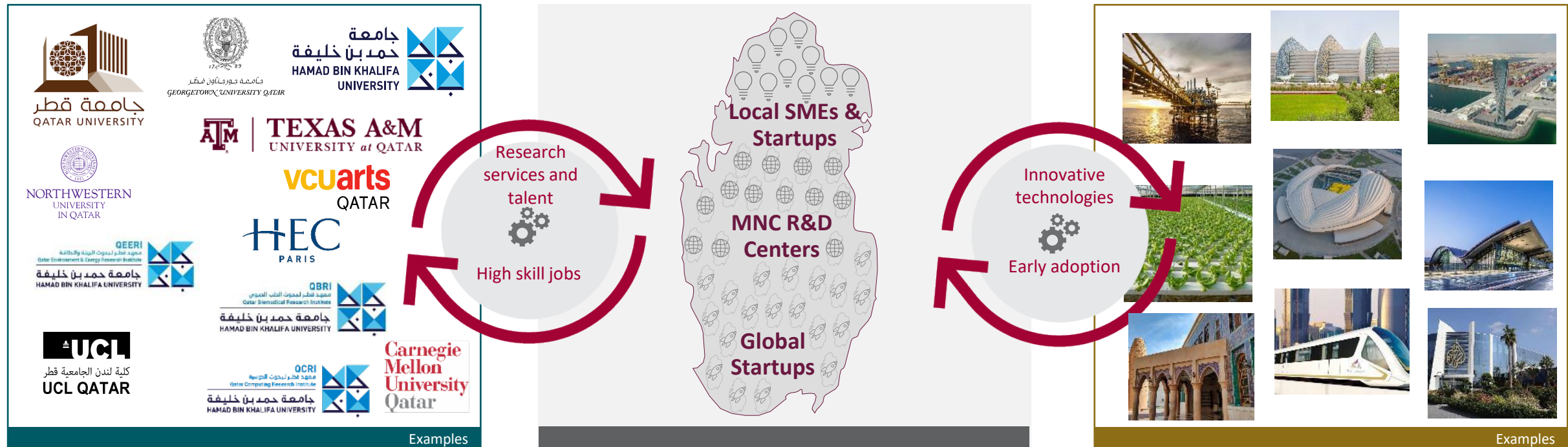
To develop, adapt and deploy relevant new digital technologies to increase growth and competitiveness of Qatar's key economic sectors, provide solutions for national challenges and enhance key public services



Qatar Research, Development, and Innovation Council is focused on activating the Innovation ecosystem



Active RDI system interaction



Qatar Open Innovation, connects opportunity owners with innovators globally to develop & deliver innovative technologies and solutions



Opportunity Owners
Large Enterprises,
Government Agencies

\$1,000,000
allocated for the initial phase of the program

Innovators
Tech Innovators, Start-Ups,
SMEs, Corporates



**Pilot Innovative products and solutions
In Qatar with local partners**

Benefits for Innovators



Funding



Winning innovators are granted funds of up to \$1 million to develop and pilot their prototype with the opportunity Owner based in Qatar.

Facilitation



Winning innovators will get facilitated access to a host of agencies in Qatar. These include introductions to relevant entities, incubation, acceleration as well as fast-tracking the establishment of a company in Qatar.

Commercialization



Winners work closely with Opportunity Owners, with the possibility of a commercialization contract, as well as potential partnerships that help launch and expand their business locally, regionally, and internationally.

Four Open Innovation calls are now Live



Reducing humidity of cooling air within greenhouses

- Hassad Foods are looking for low cost, low energy innovative solutions that can reduce the humidity of the cooling air in greenhouses below 70% as a minimum. Innovations must work in the stipulated temperature ranges, be compatible with current power sources and not require major design reconstruction of the local power supplies or farms. Ideal scenarios would enable easy future integration with renewable energy sources including solar panels etc.

Deadline
31 March



Atmospheric Water Harvesting in harsh environments

- Hassad Foods invites proposals for technologies which extract water from the environment more efficiently with the goal of reducing the pressures on local reservoirs and irrigation systems. Hassad Foods are looking for low cost, low energy innovative solutions which address the unique climate conditions present within Qatar where humidity varies during the year from 30 - 90% and temperatures from 10-50°C.

Deadline
7 April



Value extraction from agricultural sidestreams

- Hassad Foods are seeking innovative technologies to create new products from food bio-sidestreams . Conversion of the organic matter to bio-energy, novel ingredients, additives or other foodstuffs are all of interest. Future developments would encompass all vegetable products to increase their value to the local economy of greater than 10%

Deadline
14 April

Four Open Innovation calls are now Live



Innovative Energy storage solutions for Harsh environments

- Kahramaa are inviting proposals from Startups, SMEs, and Corporates for technologies which provide Innovative Energy Storage Solutions for Harsh Environments. They are looking for innovative high-capacity solutions which address advance storage capacities and technologies operating in the climate conditions present within the State of Qatar where humidity and temperatures can be over 90% RH and 50°C respectively.

Deadline
21 April

MORE DETAILS ON EACH OF THE CALLS CAN BE FOUND HERE

<https://connect.qrdj.org.qa/innovation/p>

What is the process



Call Issuance

Innovation calls are published periodically, each including multiple challenges relating to diverse sectors.



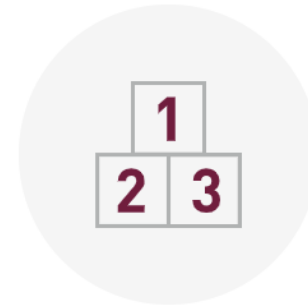
Proposal Screening

Proposals are screened to ensure they meet the submission requirements.



Shortlisting

Submissions are evaluated over several rounds, using a fair and thorough process, and are then shortlisted.

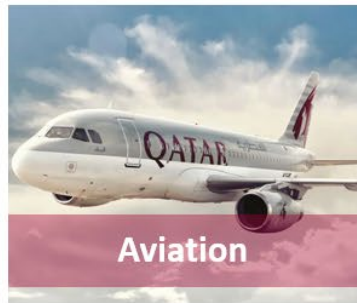
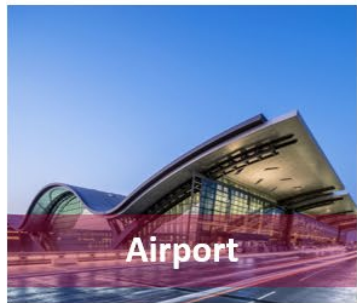
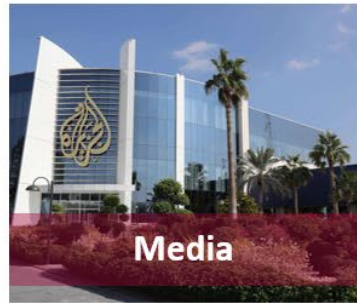
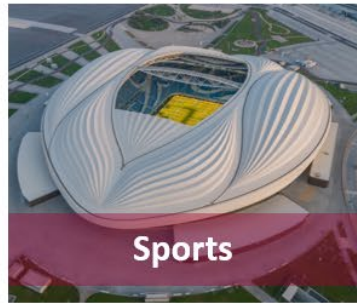


Awarding

Winners receive funding to develop and pilot their innovation, along with the possibility of partnerships with Opportunity Owners.

Eligibility is limited to corporate enterprises of all sizes organised for profit. These include SMEs or Large enterprises and incorporated in a legal form of a partnership, limited liability, company, corporation or joint venture

QRDI is discussing launching calls with other Priority sectors, all updates will be shared on our website



How you can support



- We are looking to invite the **brightest minds** and **most innovative companies** to develop breakthrough technologies and solutions for priority sectors in Qatar through the **Qatar Open Innovation program**
- **We would love your help doing this!**



Thank You

