



PR5G ZONE

Blockchain Ignition Lab

FY 2023 Report

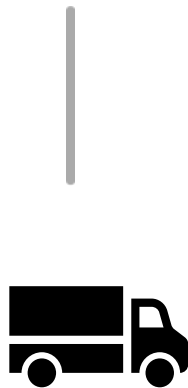
CONFIDENTIAL

Advanced Communications is the Critical Business Infrastructure of Tomorrow

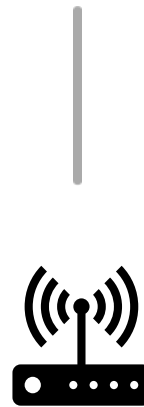
1930's
Rural Electric



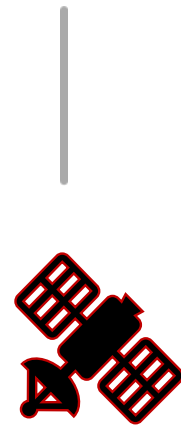
1950's
Interstate Highways



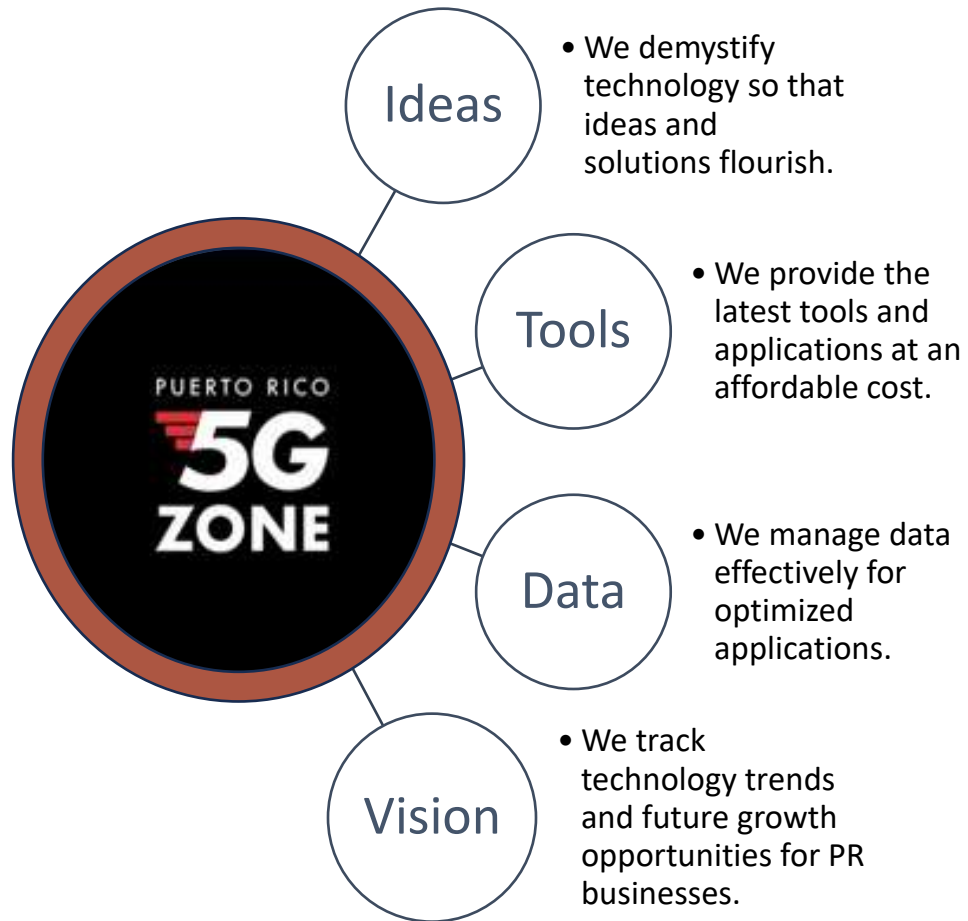
1990's
Access to Internet



Today
Secure Redundant
High-speed
Computations



The PR5G Zone Exists to Solve Data Challenges

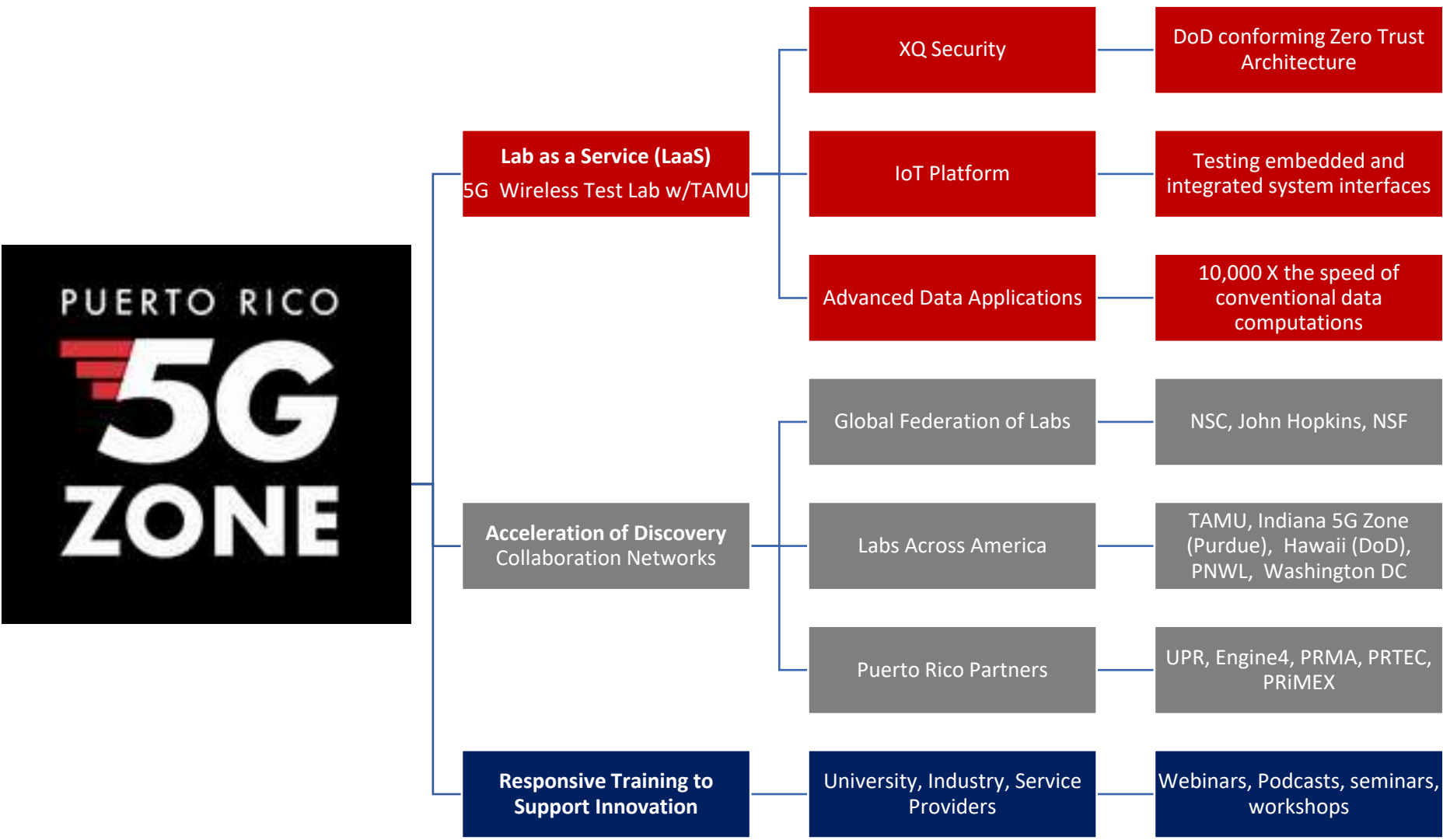


PR5G Zone is a non-profit founded in 2020 with a single mission: to be the most creative, groundbreaking, and impactful advocate for critical intelligent infrastructure in Puerto Rico. We approach business challenges with fresh eyes to develop unique, customized strategies.

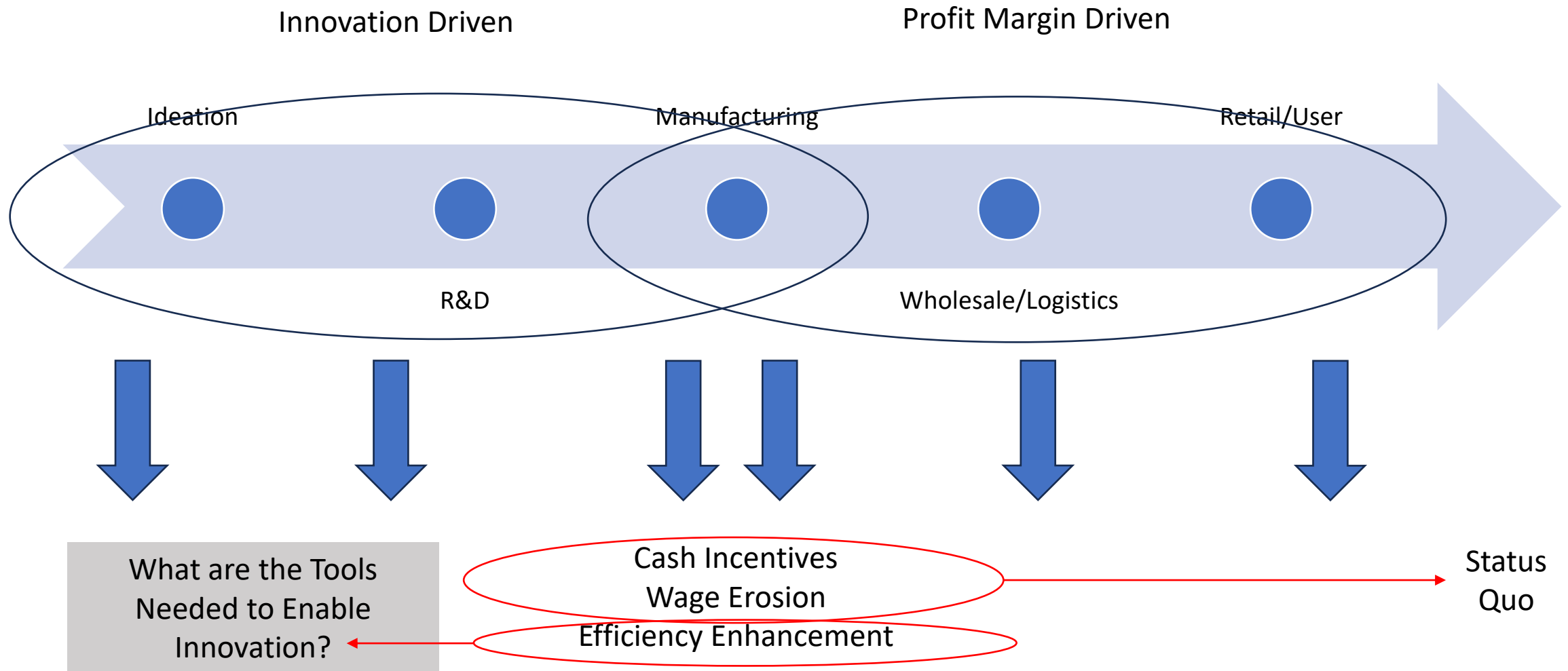
We see that data and communication technology is increasingly complex and it's difficult for businesses to navigate the landscape. Our goal is to work with industry to translate their challenges into easily navigable technology solutions.

We have a team of project management, finance, private investing, technology validation, and government compliance experts with global experience.

The PR5G Zone has Three Primary Functions



Focused on the Innovation Side of Value Chain



Expands Capabilities Specific to Growth Needs

Equipment purchases will be made based on a recent research project by University of Michigan which identified key growth industries for Puerto Rico and aligned it to the enabling technologies needed to be globally competitive.

AEROSPACE



FINTECH



PHARMA



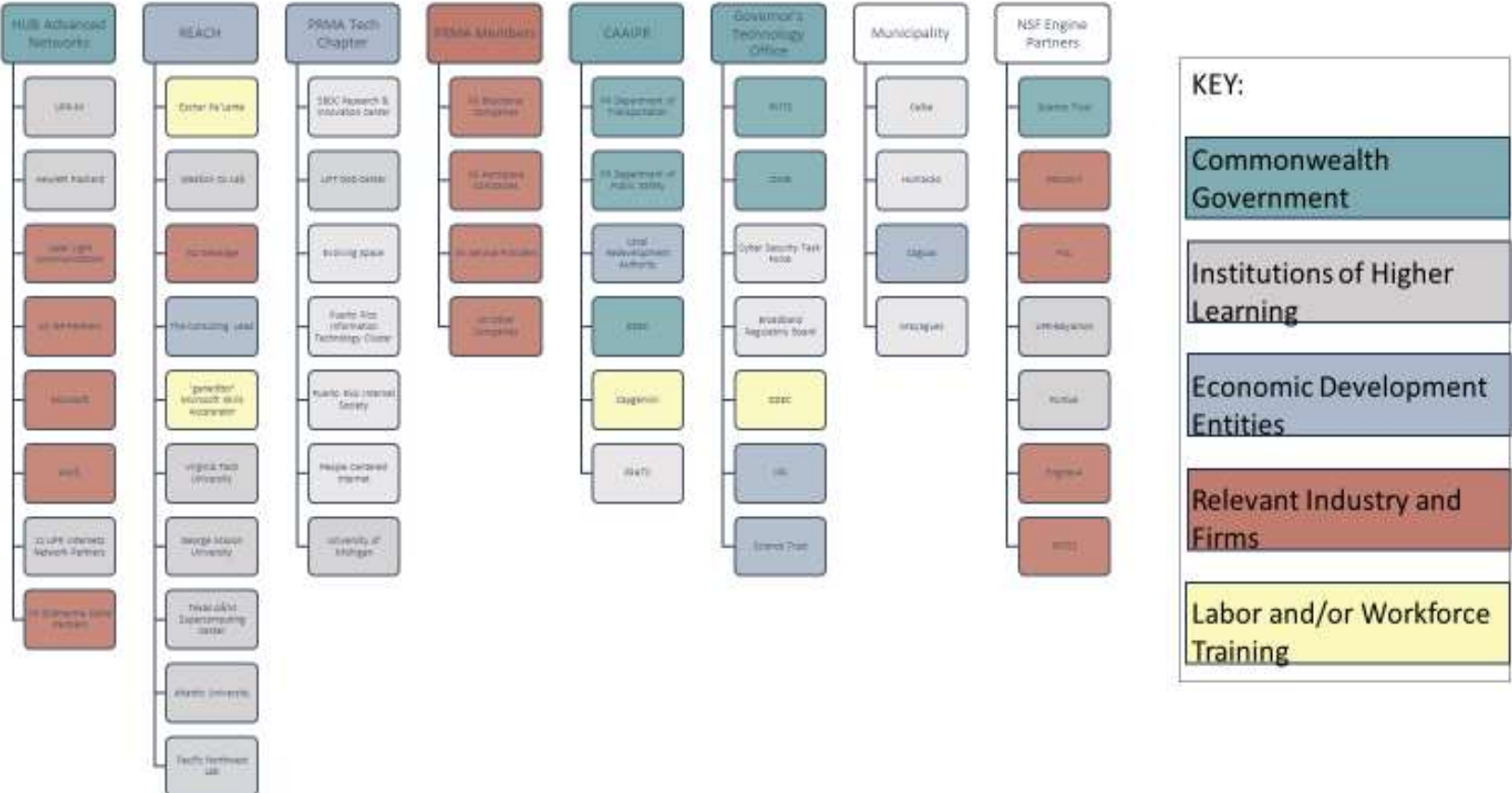
SOLAR ENERGY



And Manage the REACH Partnership Expert Advisors

‘Research Enabled Advanced Communication Hub’

REACH Consortium Partners



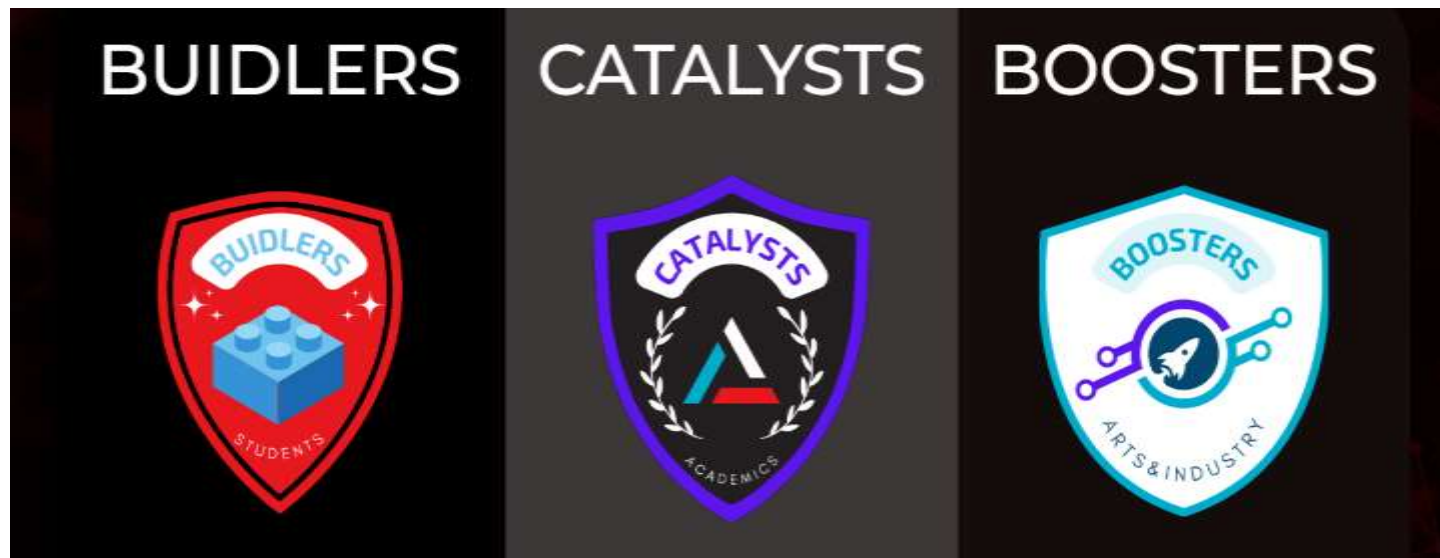
- Each pillar has multiple partners
- All partners have additional networks.
- Together they create a network of experts from which to solve grand challenges

In Addition to a Student Network Via Evolving Space



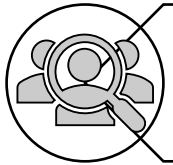
Participating students will take the path of BUIDLERS, they will be trained and presented with opportunities to lead, instruct and support others towards Web3 adoption.

Catalysts are designated supporters with academic pedigrees to champion Web3 activities. They will provide guidance on how these technologies can be applied in special projects and how Web3 can integrate educational coursework.

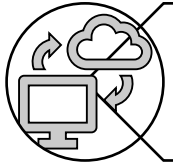


Specialists from ALL disciplines are welcome to be part of the community as BOOSTERS to learn, support and work alongside the student chapters to support the Web3 movement and grow their own personal brands.

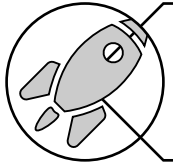
Current Initiatives



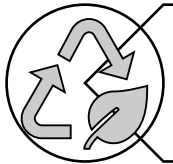
UPRM NPO-SIED Cohort Project



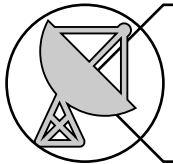
New University of Michigan Study Project & PRMA



Space Initiative



Energy Initiative



GSMA Partnership

UPRM NPO-SIED Cohort Project



- Transition from a 501-c-6 to a 501-c-3 organization.
- Develop strategy to carry out awareness efforts.
- Develop 'Sponsorship Pitch Deck'.
- Work to develop key partnerships in Puerto Rico and Nationally.



UPR
Recinto Universitario de Mayagüez

New University of Michigan Study Project & PRMA



- Create a list of business challenge areas that reflect the expressed needs of PR industry.
- Establish navigation hierarchies and appropriate nomenclature that bridges the communication divide between business terms and technology terms
- Create a simplified industry facing tool to help companies connect their business challenges with this existing content which provides education on potential solutions and training.



Communication Research



- Just opened our lab at UPR-Mayaguez to assist in research and provide access to advanced tools to students.
- Bringing research partners to enhance the wholesale fiber optic, submarine cable, and space cable network to better support ISP and retail provider network.
- Developing O-Ran research partnerships to utilize Puerto Rico's unique convergence capabilities

Energy Initiative



UPR
Recinto Universitario de Mayagüez

- Developing proposals for the DOE GRIP and CDBG-ER2 solicitations due in January.
- Focuses on wise wireless systems for DER management of renewable energy system deployment in Puerto Rico underserved communities.
- Will development of alignment of business case, altruistic, and national security impacts.

Space Initiative



- Publish a 60-page report on Space Assets in PR in partnership with GSA.
- Establish protocols for technical command center capabilities in Puerto Rico.
- Prepare the PR supply chain for CMMC requirements.

BioScience Initiative



U.S. National
Science
Foundation

EDA



Puerto Rico
Science, Technology
& Research Trust

INDUNV

INDUSTRY UNIVERSITY RESEARCH CENTER, INC.

- Promoting Microgravity Research to support development of possible new production protocols.
- Developing disruptive wireless 'Engineering Processes' for enhanced manufacturing efficiency.
- Assisting in new material discovery in Lunar Missions designed to process lunar samples for biological value.
- Customizing AI driven review tool deployment to accelerate the commercialization process.
- Expand data mining capabilities using HPC to exponentially increase the number of potential research hypotheses from existing data.

GSMA Partnership

GSMANA RIG #92



Start: Tuesday 6 February 2024

End: Friday 9 February 2024

Location: San Juan, Puerto Rico

REGISTRATION OPEN FOR THE GSMANA RIG 92 SAN JUAN,
PUERTO RICO February 6 - 9, 2024

- Supporting GSMA's mission in the Caribbean Basin to elevate adoption of important security protocols.
- Engagement in the 'Women 4 Technology' Luncheon.
- Promotion of the RIG event in Puerto Rico and coordination with local partners on participation.