PROGRAM TIMELINE

01
December 2023
Announcement of the SolarX Startup Challenge at COP28

02
January - March 2024
Launch of the Challenge and Capacity Building Exercises for the Local Stakeholders

03
March 31 2024
Closure of Applications

04
April - June 2024
Evaluation of Applications by Committee

05
July 2024
Declaration of Winners

06
August - October 2024
Acceleration Program for Winners

07
November 2024
Closure of APAC Chapter

BENEFITS/REWARDS

Cash Grants

Mentorship Opportunities

Market Access Opportunities

Investment Opportunities

APPLY NOW

PROBLEM STATEMENTS

01 Develop scalable and sustainable off-grid solar solutions (Solar Home Systems {SHS}, Mini-Grids, Solar Microgrids) to address energy poverty in remote and underserved areas across APAC countries.

02 Develop scalable models to boost cost competitiveness in solar applications for **logistics, manufacturing, and supply chain.** By optimising energy-intensive production processes, solar-transportation vehicles, and solar-powered smart logistics systems.

03 Development of innovative, **space-efficient solar technology,** essential to address the challenge of limited land availability in densely populated/land deficient countries.

04 Development of **circular economy in solar** for recycling end-of-life solar panels, reducing electronic waste, and ensuring responsible disposal.

05 Develop **AI, IoT, GPS-**based SaaS tools to enhance manufacturing, deployment, and integration of solar energy for eg. land mapping, 3D modelling, project monitoring tools.

06 Innovate manufacturing for sustainable, efficient materials, to enhance energy output, cost reduction and improved efficiency in solar equipment, such as high-efficiency inverters, ACDBs, DCDBs, and other components.

07 Technical or business model innovations to reduce cost of grid integration, optimising energy distribution of rooftop solar, utility-scale solar, energy storage solutions to address intermittency issues associated with solar power generation.

08 Implementing **solar-powered technologies** such as high-efficiency DC pumps with smart controllers for water pumping, purification, and irrigation to promote sustainable water management in various regions.

09 Promoting the **development and adoption of solar-powered solutions** for innovative business models for emerging use cases such as eMobility Green Hydrogen, AgriPv, Transportation, Solar-Charging Infrastructure for electric vehicles, etc.

10 Other areas of Solar Application with on-ground applications.