



PROJECT PANGEA

The Crescendo Of
Sustainability

PRESENTED TO
**the Beloved FRC
Community**

PRESENTED BY
**Tech4Peace
#8153**

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WHAT IS PROJECT PANGEA?

Project Pangea stands as a dynamic, student-led community within the FIRST community, driven by the core values of gracious professionalism, sustainability, and teamwork. It unites FRC and FTC teams in a shared mission to progressively build a sustainable FIRST community.

Originating in Turkey, the project has set its sights on global expansion. Through hosting international meetings, spearheading revolutionary movements, and fostering collaborative initiatives, Project Pangea aspires to illuminate a path towards a bright and sustainable future for generations to come. It serves as a testament to the power of student-led initiatives in driving positive change within the FIRST community on a global scale.



PROJECT PANGEA'S VISION & MISSION

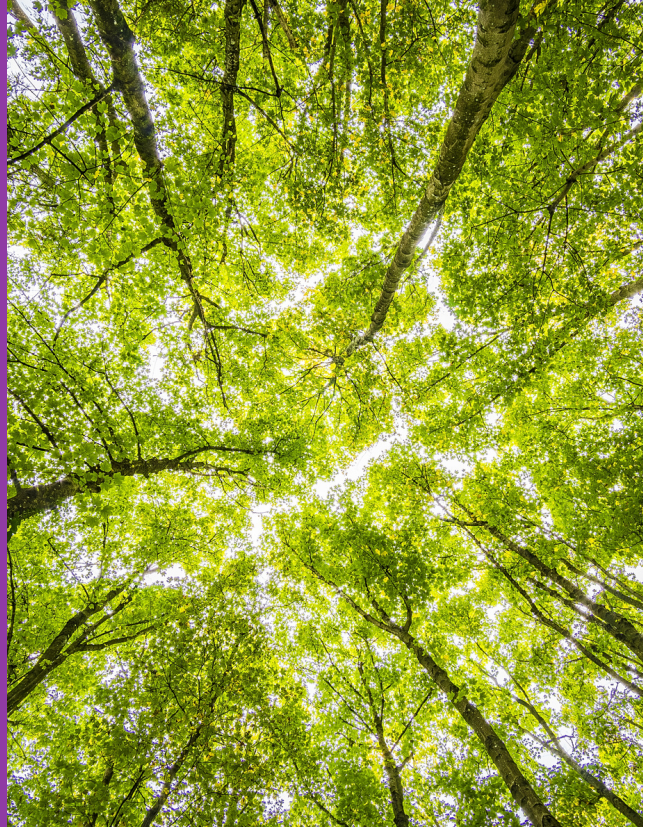


VISION

By 2030, 51% of FIRST teams will have reached the relevant sustainable development goals set by the United Nations

MISSION

Our mission is to bring together FIRST teams from seven continents and conduct regular conferences and workshops, aiming to achieve a 51% participation within the FIRST community in relevant sustainable development goals outlined by the United Nations.



HOW TO BECOME A PART OF PROJECT PANGEA?

To join "Project Pangea," collaborate with teams worldwide and complete the specified steps. Ultimately, your team should contribute to building a sustainable future together with us



Reach out to the **Project Pangea Team** and express your desire to become a part of the project.



Measure your carbon footprint and initiate your transformation into an **environmentally conscious and eco-friendly FRC team**. In this step, you can receive support from the Project Pangea team.



Join the international Project Pangea meetings held regularly and contribute to finding solutions for the identified global sustainability issues.



Implement solutions to the identified problems and execute projects within your community to address them

WHAT IS SUSTAINABILITY?

Sustainability, in general usage, is the harmonious coexistence of humans with nature and their environment, minimizing the negative footprint left on Earth. It holds different meanings for individuals and organizations. On an individual level, it involves meeting today's needs while considering the well-being of future generations, managing resources accordingly. From an organizational perspective, sustainability is the capability of institutions to endure, hinging on social, environmental, and economic continuity. For an institution to persist:



- It must ensure continuity through social interactions while existing.
- Economically, the institution should generate profit and utilize available products efficiently.
- Simultaneously, it must use energy and equipment efficiently.
- Environmentally, it should be mindful of the consumption of necessary raw materials and resources from nature.
- Contribute to the circular economy by minimizing waste generation and adding value to waste in economic terms.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS THAT CORRELATE WITH OUR PROJECT



Quality Education:

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



Gender Equity:

Achieve gender equality and empower all women and girls



Sustainable Cities & Communities:

Make cities and human settlements inclusive, safe, resilient and sustainable



Responsible Consumption & Production:

Ensure sustainable consumption and production patterns



UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS THAT CORRELATE WITH OUR PROJECT



Climate Action:

Take urgent action to combat climate change and its impacts



Life On Land:

Protect, restore and promote sustainable use of terrestrial ecosystems.



Partnerships For The Goals:

Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

The FRC community must unite to achieve the United Nations' sustainability goals. Collaborating with diverse skills, we address challenges in environmental stewardship, social equality, and economic resilience, emphasizing our collective commitment to a sustainable and equitable future.

HOW TO BUILD A SUSTAINABLE FRC TEAM ?

The sustainability of an FRC team can be achieved by following steps towards institutional sustainability. If FRC teams can ensure economic, social, and environmental sustainability, they can become more robust, engaging, and enduring.

Firstly, an FRC team must always maintain high levels of motivation and productivity among team members. They should foster understanding, good relationships, and shared values, respecting common goals and rights. Unhappiness among team members can hinder new member development and the team's growth rate. Achievements, team spirit, and a sincere team environment will make an FRC team more noticeable and sustainable. Additionally, an FRC team should interact with other teams in the community, offering assistance without hesitation and promoting the spirit of FIRST.

Secondly, an FRC team must always use materials and budget wisely, leaving tools undamaged and in a condition for future use. Damage to tools requires replacement, incurring additional expenses. Teams should use their budget frugally and only when necessary.

HOW TO BUILD A SUSTAINABLE FRC TEAM ?

Secondly, an FRC team should always use its materials and budget wisely. The tools and equipment should be left in a condition that will not cause harm and can be used in the future. If the tools are damaged, replacements are needed, leading to additional expenses. The team should use its budget efficiently and only when necessary.

Lastly, an FRC team should be kind and considerate towards nature and the environment. Before purchasing a product, the team should question it with a consumer's mindset and operate with a mission to avoid harming the environment. It should practice energy and resource conservation and continue working with environmentally safe solutions.



CONTACT:

@firstprojectpangea

@acihsrobotics

projectpangeafirst@gmail.com

