## Call for Book Chapters/Research Papers for Edited Books To be published with ISBN under IIP International publishers, USA and India

### **Green Energy Fuel Station**



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#### **Imprint IIP**

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#### Important dates:

Chapter/paper submission starts on: 05/01/2024
Last date for chapter/paper submission:05/04/2024
Acceptance notification: Within 15 days of paper/chapter submission
Last date for registration: Within 15 days of paper/chapter acceptance

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#### Aims and Scope:

The aim and scope of a book on "Green Energy Fuel Stations" would likely expect to revolve around providing a comprehensive insight into the design, implementation, concept and benefits of fuel stations that prioritize and incorporate green energy sources.

The detailed list of topics that could be covered in the book on "Green Energy Fuel Stations" is as follows:

#### 1. Introduction to Green Energy in Transportation

- · Overview of the environmental impact of traditional fuel stations
- · Introduction to the concept of green energy fuel stations
- 2. Renewable Energy Sources for Fuel Stations
- Solar energy applications
- Wind energy considerations
- Bioenergy options
- Geothermal possibilities
- 3. Introduction to Green Energy in Transportation:
- Provide an overview of the current state of transportation and its impact on the environment.
- · Introduce the concept of green energy in the context of fuel stations
- 4. Renewable Energy Sources:
- Explore various renewable energy sources suitable for fuel stations, such as solar, wind, and bioenergy.
- b. Discuss the advantages and challenges associated with each renewable energy option.
- 5. Design and Infrastructure:
- a. Detail the design principles and infrastructure requirements for green energy fuel stations.
- b. Consider factors like location, layout, and integration of renewable energy technologies into the existing fuel station infrastructure.
- 6. Technological Solutions:
- a. Explore cutting-edge technologies for harnessing and storing renewable energy.
- Discuss advancements in energy storage systems and smart grid technologies for efficient energy management.
- 7. Environmental and Economic Impact:
- a. Evaluate the environmental benefits of green energy fuel stations, such as reduced carbon emissions and lower ecological footprint.
- Discuss the economic viability and potential cost savings associated with the adoption of green energy.
- 8. Policy and Regulatory Considerations:
- a. Examine the existing policies and regulations related to green energy adoption in the transportation sector.
- b. Propose recommendations for policymakers to encourage and support the establishment of green energy fuel stations.
- 9. Future Trends and Innovations:
- a. Explore emerging trends and innovations in the field of green energy and transportation.
- b. Discuss potential future developments that could further enhance the sustainability of fuel stations.

#### **Author Benefits:**

- 1. Selected chapters (not all) will be indexed in RSquareL and other indexing platforms including Amazon, Google Books etc.
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