



IBAP – Advancing Biochar for a Sustainable Future

The International Biochar Asia Pacific Trade Association (IBAP) is a non-profit platform dedicated to biochar education, research, and practical application. It aims to expand biochar's role in creating a more sustainable world.



About IBAP

1

Mission

Expand biochar's role in sustainability.

2

Focus

Increase capabilities of producers and researchers through education, research, and practice.

3

Key Contributors

Wongphai, Green Ground Solutions, Enable Earth.

4

Supported By

IBI and Planboo.





The Need for Biochar in Asia-Pacific



Soil Degradation & Food Security

Restoring soil fertility for sustainable agriculture.



Carbon Emissions & Climate Change

Biochar as a carbon-negative solution.



Waste Management

Utilizing agricultural and industrial residues.



Sustainable Business & Green Economy

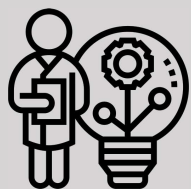
Creating circular economy models for biochar adoption.

IBAP's Role in the Biochar Ecosystem



Education & Awareness

Training programs, workshops, and expert knowledge-sharing.



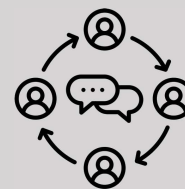
Research & Development

Advancing biochar applications across multiple industries.



Industry & Market Development

Supporting biochar businesses through policy and funding access.



Community Building

Connecting biochar producers, scientists, and investors.



Biochar for Soil Applications

Soil Health Improvement

Enhancing water retention, nutrient availability, and microbial life.

Carbon Farming

Sequestering CO₂ while improving crop resilience.

Land Restoration

Rehabilitating degraded lands and promoting sustainable farming.

Compost & Organic Blends

Increasing compost efficiency and reducing fertilizer use.



Biochar for Non-Soil Applications

1

Construction

Strengthening materials while reducing carbon footprint.

2

Water Filtration

Absorbing contaminants for cleaner water solutions.

3

Animal Feed

Improving livestock health and reducing methane emissions.

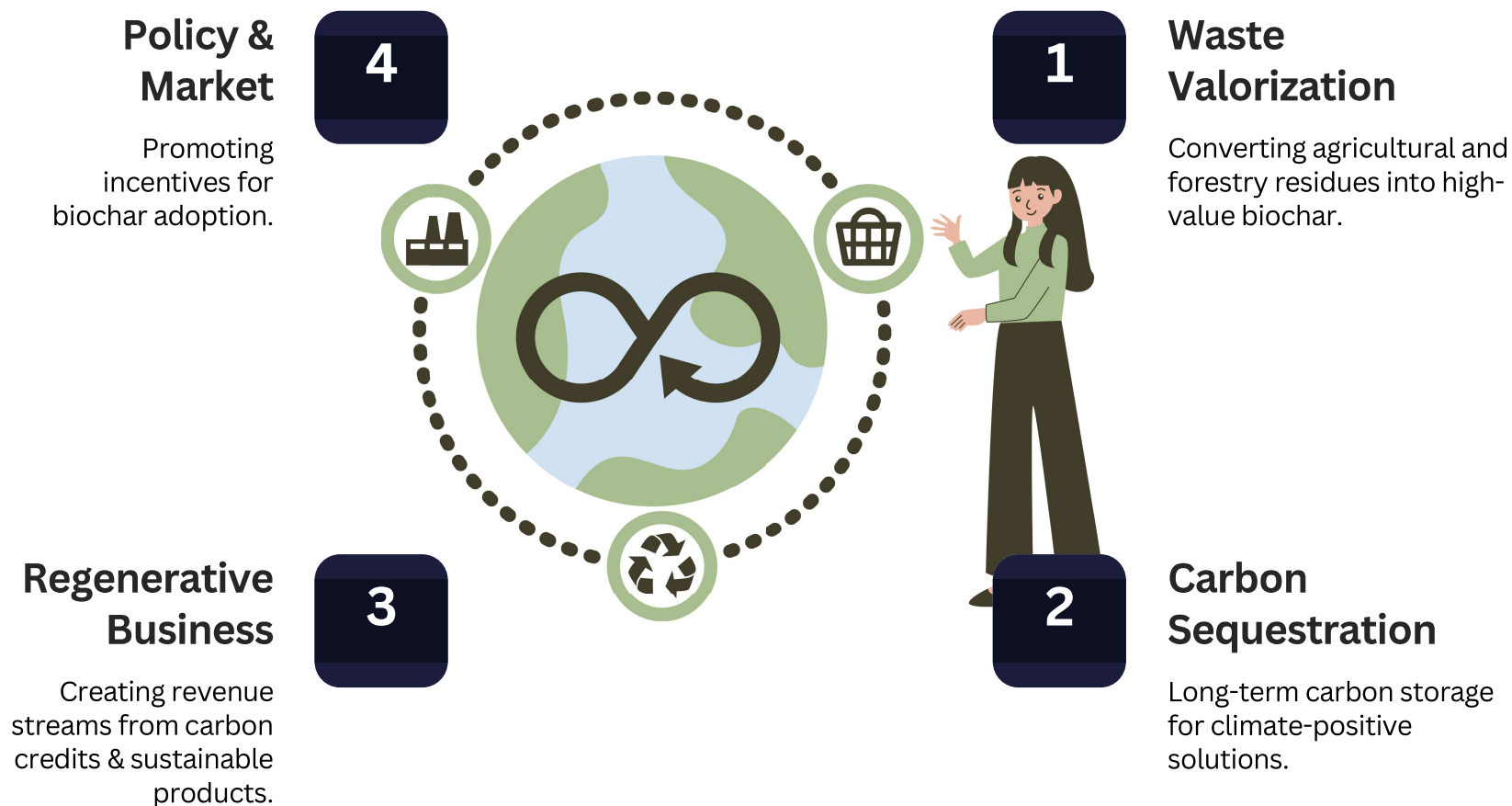
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Energy Storage

Enhancing efficiency in biogas, batteries, and activated carbon.



Circular Economy & Sustainability Impact





Carbon Credit & dMRV Integration

dMRV System

Planboo's system for real-time carbon credit tracking.

Carbon Markets

Connecting producers to verified global carbon markets.

Sustainable Finance

Empowering smallholders to participate.



IBAP's Strategic Roadmap

1

Phase 1

Establish IBAP governance, partnerships, and funding.

2

Phase 2

Launch biochar pilot projects & regional certification.

3

Phase 3

Develop an Asia-Pacific biochar knowledge hub & carbon network.

4

Phase 4

Scale regional impact and integrate into global frameworks.



Education & Research Initiatives

1

Training Programs

Workshops, online courses, and in-field demonstrations.

2

Collaborative Research

Partnerships with universities and research institutions.

3

Technical Standards Development

Establishing quality benchmarks for biochar production.

4

IBAP Knowledge Hub

A central repository for biochar data, case studies, and innovations.

Industry & Policy Advocacy

Policy Engagement

Working with governments to recognize biochar's benefits.

1

Industry Collaboration

Connecting biochar startups with investors & industry leaders.

2

Funding & Investment Opportunities

Securing grants, research funds, and climate finance.

4

3

Standardization & Certification

Ensuring biochar meets regulatory and carbon market standards.





IBAP's Community & Membership Benefits

Knowledge Sharing & Expertise Exchange among industry leaders

Exclusive Access to Carbon Credit Markets through IBAP's partnerships.

Business & R&D Collaboration Opportunities for members.

Joint Advocacy for Sustainable Policies and climate resilience strategies.



Get Involved with IBAP

1

— Join IBAP as a Member or Partner to contribute to the biochar ecosystem.

2

— Participate in Training & Pilot Projects to expand your expertise.

3

— Explore Biochar Innovations and invest in sustainable solutions.

4

— Connect with the Global Biochar Network to drive large-scale impact.

Join us

✉ Contact us at:
member@ibap.asia

Let's work together!

Crafting a powerhouse biochar squad for a greener tomorrow!
Whether you're a member, a sponsor, or a partner-in-crime, your
support is the secret sauce that makes it all happen!



