



PSMA International Workshop | 26-28 June, 2024 | Perugia, Italy



EnerHarv 2024 Workshop:

Ecosystems Panel - The Power Sources Manufacturer's Association (PSMA): Where the Power Electronics and Power IoT Ecosystems Converge

(this one!)



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OVERVIEW



What is the PSMA?



What do we do?



How do we do it?



How can you become part of our ecosystem?

- (...and why you SHOULD!)

What is the PSMA?



The Power Sources Manufacturer's Association (PSMA)

- MISSION:

“To integrate power industry resources to profitably serve the needs of users, producers, industry stakeholders and all PSMA members.”

- Add value for members/stakeholders as outlined by our purpose:
 - Improve members' knowledge of power electronics technological and other related developments.
 - Provide focused technical forums for power industry stakeholders to address industry challenges and develop collaborative, pragmatic, application-specific insights to drive solutions.
 - Educate the entire [ecosystem] as to the importance of power electronics and paths to growing power electronics' role in relevant applications.

What is the PSMA?

A Power Sources Industry Ecosystem for the Benefit of Stakeholders

BENEFITS

Progress
Enhance
Educate
Inform
Guide
Connect
Publish
Solve



STAKEHOLDERS

Manufacturers
Developers
Suppliers
Educators
Integrators
Users
Funders
Regulators

What do we do?

The Four Pillars for Sustenance and Smart Growth

- Continue delivering impactful outputs
- Become more applications and problem-solving oriented
- Define and integrate metrics to monitor the parameters that matter
- Engage more with stakeholders to solve the power industry challenges that matter most to them

How do we do it?

12 Committees / Forums



Safety & Compliance



Energy Harvesting



Semiconductor



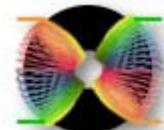
Transportation Electronics



Capacitor



Energy Management



Magnetics



Packaging & Manufacturing



Education



Energy Storage



Power Technology Roadmap



Reliability

How do we do it?



Delivering Impactful Outputs

▪ Conferences & Workshops

- Cater for virtual and hybrid events
- Adding in more educational & PTR webinars

▪ Biennial/triennial PTR (Power Technology Roadmap)

- Sharing Latest Technologies
- Defining Expected Trends

▪ Technical Documents

- White Papers / Roadmaps
- Exploring ideas via our committees.
- Recent publications were on reliability and energy harvesting.

▪ Applications

- Energy efficiency, reliability, energy harvesting, storage, packaging

▪ Problem Solving

- Using surveys and feedback (various formats) on events and issues to determine where we can add value – and then doing so!



How can you become part of our ecosystem?

Contribution Opportunities

- More Towards Addressing Applications and Solving Industry Problems
 - e.g. Energy Storage, IoT, Transportation, Better Facts and Information
- What combinations of technologies and application knowledge are needed?
- Building More External Links With Other Associations
 - Packaging, manufacturing, electronics, etc.
 - Workshops, roadmaps, newsletters, cross-promotions, etc.



Membership

- Very Low Cost for Professional Organization
- No membership requirements for committees!





How can you become part of our ecosystem?



Benefits of Membership

- **NETWORKING:** The opportunity to meet and interact with your counterparts in other companies on an on-going basis.
- **VALUABLE INFORMATION:** Members enjoy access to information in the Members Only area of the Web site. Members also receive invitations to upcoming Webinars and Workshops.
- **INVOLVEMENT:** Based on the interests of committee members, members plan and organize APEC Industry Sessions, Webinars, Workshops and Conferences.
- **PARTICIPATION:** Members participate in committees, workgroups and studies to derive a better understanding of market trends, industry trends and better operational procedures to improve performance.
- **DISCOUNTS:** Members receive discounts on registration fees for attending APEC and other PSMA-sponsored events.
- **FINDING TRENDS:** Increase awareness and knowledge of trends and factors that can impact your company.
- **COMPANY PROFILE:** Listing of your company's profile on the PSMA website with a hyperlink directly to your company website.
- **PSMA PUBLICATIONS:** Regular members receive one copy of all new PSMA publications and reports with discounts for additional copies. Affiliate members may purchase the publications and reports at the member discount price.
- **BENCHMARKING:** Improve the operation of your company by participating in benchmarking studies with other companies in your industry.
- **PSMA NEWSLETTER:** Receive "Update," the quarterly newsletter of the PSMA, with information on activities in the industry and upcoming events. You may also contribute articles for publication in the "Update."
- **MEMBER COMPANY SPOTLIGHT BANNER:** Feature your company's products on the PSMA Home Page

PSMA

-  **We do good stuff! (Look around room)**
-  **We do it well! (Look at the results)**
-  **We do it with others! (Maybe *YOU* today? tomorrow?)**
-  **We shall enjoy if you join us to do even more good things!**

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LinkedIn...

X...

Instagram...

Q & A



Thanks very much for your time and attention!

Questions/comments???

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