



News - week 10

From communities to silicon carbide ecosystems by new supply/value chains. That will be the topic of first workshop session at IW-SiC Spring 2024.

There are three factors which are more prominent when semiconductor companies expand into new countries or regions: supply chain security, sustainability, and subsidies. Traditionally, semiconductor companies established at semiconductor ecosystems that fulfill basic requirements: sufficient and stable energy and water supplies, potential employees with technical skills, the right infrastructure, and a solid transportation network ([read more](#)).

Similar goes for SiC. Supply chain with closer links and resilience together with sustainability will change the traditional establishments. For advancing technologies, there will be local communities which find their strength and then partnership. This will be discussed at the opening main session of IW-SiC Spring 2024.

Semiconductor companies as well as most industries are active to reduce their emissions. Those companies which are not proactive to reduce emissions might come into a troublesome situation. The semiconductor customers might decide to purchase carbon offsets which are a way for businesses to compensate for their emissions by investing in environmental projects that reduce carbon dioxide (CO₂) in the atmosphere. This could be seen as a way for these customers to mitigate the environmental impact of their supply chain. The customers of semiconductor companies might try to deal with the additional expense of buying carbon offsets by passing these costs back to the semiconductor suppliers. The customers might demand lower prices for the semiconductors to compensate for the cost they are incurring to buy carbon offsets, or these actions might lead to a decrease in the profit margins for semiconductor companies. A way to mitigate that is new business models using shared data and digitalization, and carbon impact accounting. This is discussed at the Open session of [IW-SiC Spring 2024](#) (free registration).



Consortium building SiC meetup

Forum March 14 | 10.00 (Co-creation Meetup) for those who are interested in the Chips-2024-2 RIA call and build partnerships for “Sustainable and greener manufacturing”. [Read more](#)

European strategy to ensure industrial leadership in advanced materials

For those interested in advanced materials (for example semiconductors), the European Commission sets out a European strategy to ensure industrial leadership in advanced materials. [Read more](#)



EU-India Forum

March 14 | 11.30. Open to those interested to discuss EU-India for SiC. Bring your ideas.

[Read more](#)

International Conference on Emerging Semiconductor Materials and Applications (ICESMA-2024)

- SiC Single crystals and fibres
- Wide Bandgap Semiconductors
- Semiconductor bulk crystal growth
- Epitaxy/Thin films
- Silicon recovery from photovoltaics (Nitrides, Carbides and Oxides)
- Semiconductor materials and devices (Optoelectronics, Sensors, MEMS)
- Silicon vs SiC, GaN based power devices
- InGaAs technology for high resolution Radar, Imaging and Communication
- CdTe materials and devices
- Emerging technologies

International Conference on Emerging Semiconductor Materials and Applications
ICESMA-2024
March 9-10, 2024
C-MET, Hyderabad

ICESMA - 24
C-MET, HYD

International Conference on Emerging Semiconductor Materials and Applications (ICESMA 2024)

March 8-10, 2024 organized by Centre for Materials for Electronics Technology.

[Read more](#)



Physical workshop Tallinn Summer 2024?

For those interested in meeting to discuss closer the supply/value chains in SiC and the future, there may be a workshop in Tallinn. Contact us for discussion as we will adapt to interests and available dates.

Upcoming activities

Mar 26, 2024 | Workshop | IW-SiC Spring 2024

Mar 14, 2024 | Forum | Consortium building SiC (Chips-2024-2-RIA)

Mar 14, 2024 | Forum | EU-India discussion

More information in [Calendar](#).

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