



Introducing the SOI Industry Consortium



Mission Statement

The SOI Industry Consortium is a group of leading companies from the electronics industry with the mission of accelerating silicon-on insulator (SOI) innovation into broad markets by promoting the benefits of SOI technology and reducing the barriers to adoption.

Leading SOI Innovation into Broader Markets



Industry Need

- Performance and power consumption are critical drivers to achieving market success within the electronics industry
- Early adopters, including IDMs with extensive resources, have demonstrated that SOI is production-worthy solution to overcoming performance and power challenges
- The next wave of adopters need a proven and complete array of readily accessible SOI design platforms and IP to ensure transparent design platforms, cost-effective manufacturing and seamless transitions from bulk silicon
- It is now time for industry collaboration and investment to help accelerate adoption and make this technology accessible

Enter the SOI Industry Consortium—founded to enable innovation and increase adoption of SOI by bridging the gaps and reducing adoption costs through collaborative industry efforts



Why An SOI Industry Consortium?

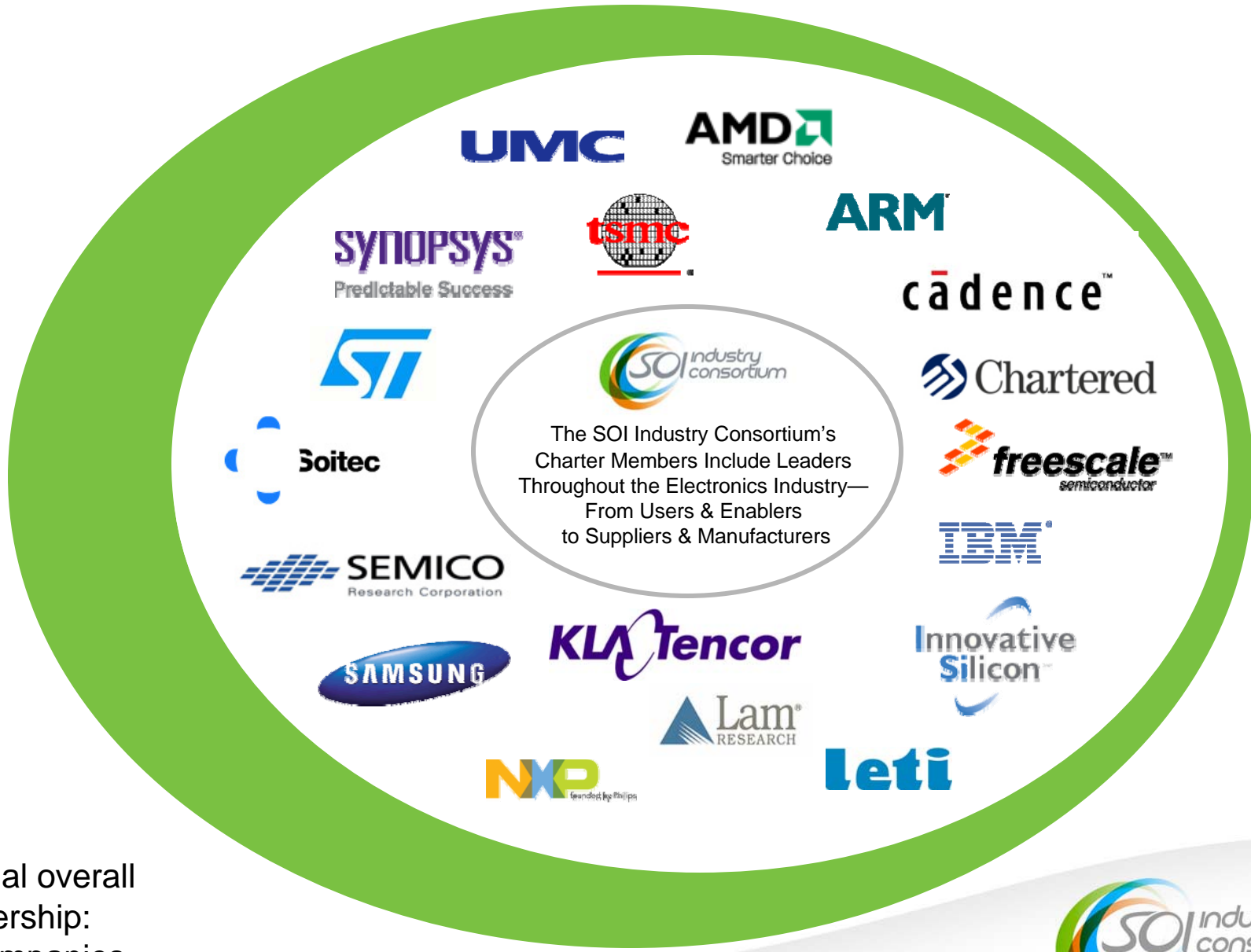
Ecosystems Broaden and Accelerate Technology Access

Industry collaboration offers significant advantages, including:

- A reduction in the cost of adoption due to a shared effort to deploy SOI
- Easy access to resources, knowledge and expertise to spur innovation and adoption
- Shorter learning curves and accelerated time-to-market
- Provide a forum for organizations of all sizes and types to come together and ensure their priorities are reflected across industry efforts
- Avoid wasting time and money on duplicating efforts
- Guarantee success by promoting best practices
- Ensure that member SOI infrastructure technologies complement and work with one another



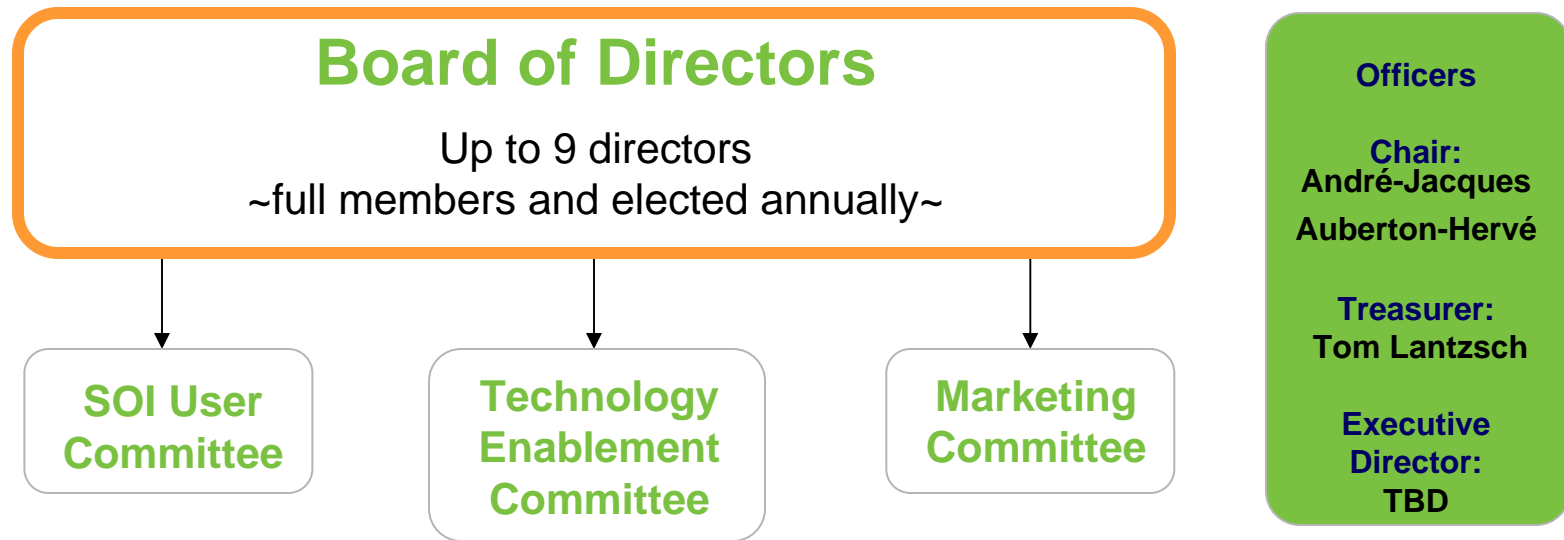
Charter Members



Potential overall membership:
>60 companies



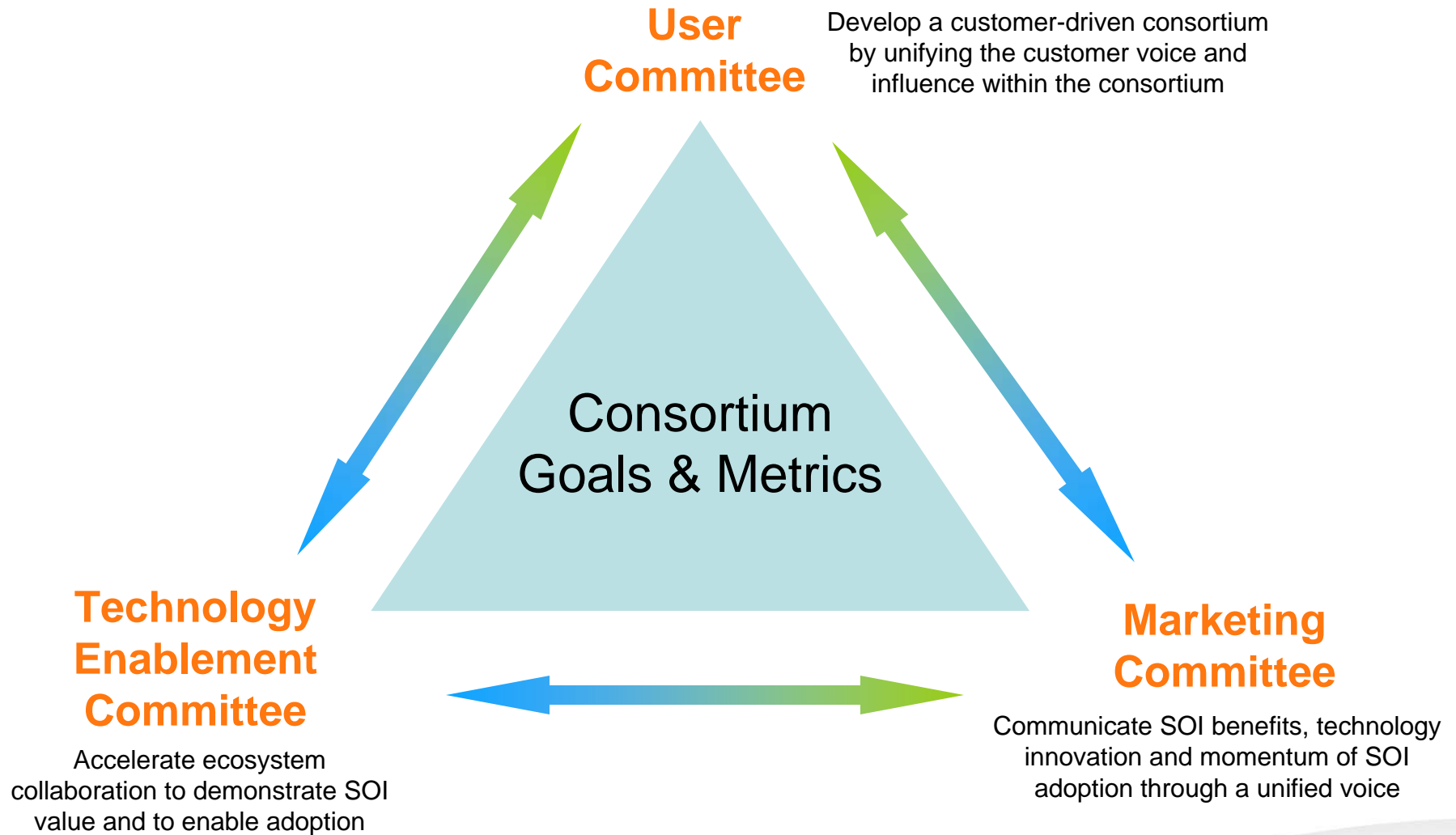
Consortium Structure



Membership Categories

Full members
Technical members
Access members
Academic members

Committee Overview



Proposed Consortium Activities*

SOI User Committee Responsibilities	Technology Enablement Committee Responsibilities	Marketing Committee Responsibilities
<ul style="list-style-type: none"> ○ Create an “SOI customer priorities by market segment” document that spans across all levels of the value chain ○ Sponsor each of the technology enablement committee projects ○ Provide guidance, input and review on user surveys ○ Advocate goals for the consortium in the annual planning process ○ Assist in increasing consortium’s membership 	<ul style="list-style-type: none"> ○ Educate design community through “SOI Design Basics” webinar ○ Sponsor and maintain the consortium blog ○ Demonstrate silicon proven, critical foundation IP availability for SOI ○ Demonstrate SOI custom and digital design flows ○ Demonstrate SOI consumer, multimedia or mobile design proof points 	<ul style="list-style-type: none"> ○ Create an “SOI benefits to users” document and other educational materials ○ Increase consortium’s membership ○ Facilitate dialog across the industry about SOI adoption and best practices ○ Document and seek solutions to new market segments for SOI adoption ○ Track usage statistics in a reliable, accurate, consistent way

*subject to change





Visit www.soiconsortium.org
for more information

