

 Meeting Minutes - Meetings for the Subgroup Scope within the Industrial Alliance Working Group Supply Chain							
21	12.06.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Svenn Baumann (ZWEI), Rafael Alvarez (AESEMI), Sara Giusiano (IFX), Arthur Daussa (IFX), Aurelia Tweer (IFX), Liam Geiger (IFX)	Hans Ehm				
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (Anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Middle east tensions, Chip shortage due to memory at next upturn and boost for Power due to potential EV surge and Data Center surge, Risk of semicon. Tax, China rare earth 0,1% rule and rare gas dependency, Chance: European common interest (IPCEI) on cross tier collaboration (but currently long processes), Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Slido - What are the Chances that you are currently perceiving for European Semiconductor Supply Chains?	Aurelia Tweer				
5	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain. Focus on Geopolitical Risk	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
6	Information	AI-based chance and risk assessment pipeline is shown. It consists of an indexing and analysis pipeline. The indexing pipeline uses an LLM-based query generator to scrape the web for up to date information (such as policy documents, reports, ...) and stores them in a vector database. The analysis pipeline uses retrieved information to guide a two stage LLM pipeline creating final assessments on cluster and firm level.	Sara Giusiano		Done	Further information on the AI-pipeline and used prompts can be obtained up on request: yannic.schlosser@infineon.com	
7	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
8	Information	Presentation of Cluster Representatives and Proposed Firms/Representatives	Hans Ehm Sara Giusiano		Open	Proposed Coordinators: Material: Lorenzo Castrogiovanni - Air Liquide (accepted); Equipment: Florian Baldur - SUSS MicroTech (accepted); IP/EDA: Bruno Tiberon - Siemens EDA ; Fabless SiFo Osat: Kai Schelthoff - NXP (pending) Photonics: Carlos Pardo - KD Tech (accepted); Customer: Prof. Dr. Klaus Schmidt - Arbeitskreis Just in Time (pending); R&D - Jerker Delsing - Lulea University (accepted); Others: Dr. Sven Baumann - ZVEI (accepted)	
9	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins are available for the Cluster Fabless, R&D, Photonics, EMS & ODM	Hans Ehm		Done	New digital twin website from AESEMI available for all Alliance Members	
10	Information	Updates on Applied Market Cap Model for Middle East Tension Risk & Chance	Arthur Daussa Baizé (IFX)			For additional details see slide 24-26	
11	Information	New insights on middle east tension report are shown. Applied Market Cap estimations shown (See attached Excel for more details).	Tweer Aurelia Seraphine (IFX)		Done	For additional details see slide 29	
12	Information	New insights on the Memory Report are shown, with focus on Quimonda.	Tweer Aurelia Seraphine (IFX)		Done	For additional details see slide 30-33	
13	Information	Presentation and overview of new report on AI Dependency of Semiconductor Industry.	Tweer Aurelia Seraphine (IFX)		Done	For additional details see slide 34-36	
14	Discussion	Feedback from Svenn Baumann (ZWEI) Question: the companies considered for market capitalization, do they also take into account suppliers? Like materials suppliers for example ? Input: Check the new report of ZWEI, to find and select new chances and risks.	Participants		Done	20260521_ZVEI_Mikroelektronik_Studie.pdf	

15	Discussion	Feedback from Bibi De Jong (NXP) Input: it could be interesting to insert more footnotes below the different matrices, maybe made as bulletpoints, to explain the results that are shown in the graphs.	Participants		Done	1.1 Meeting with Bibi has been scheduled to understand more of the idea	
16	Announcement	The next Digital Twin meeting on June 19th, 14:00-14:45 CET The next Scope meeting on June 26th, 14:00-14:45 CET.	Hans Ehm		Done		
20	29.05.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Sverin Baumann (ZWEI), Alain Jarre (Hproso), Rafael Alvarez (AESEMI), Sara Gusmano (IFX), Arthur Dausa (IFX), Aurelia Tweer (IFX), Anna Linnemann (IFX), Christine O'Brien (IFX), Liam Geiger (IFX)	Hans Ehm				
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2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Middle east tensions, Chip shortage due to memory at next upturn and boost for Power due to potential EV surge and Data Center surge, Risk of semicon. Tax, China rare earth 0,1% rule and rare gas dependency, Chance: European common interest (IPCEI) on cross tier collaboration (but currently long processes), Tech leadership of Europe in photonics, Workforce & Sustainability Initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain. Focus on Geopolitical Risk	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
5	Information	AI-based chance and risk assessment pipeline is shown. It consists of an indexing and analysis pipeline. The indexing pipeline uses an LLM-based query generator to scrape the web for up to date information (such as policy documents, reports, ...) and stores them in a vector database. The analysis pipeline uses retrieved information to guide a two stage LLM pipeline creating final assessments on cluster and firm level.	Yannik Schlosser		Done	Further information on the AI-pipeline and used prompts can be obtained up on request: yannik.schlosser@infineon.com	
6	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
7	Information	Presentation of Cluster Representatives and Proposed Firms/Representatives	Hans Ehm Sara Gusmano		Open	Proposed Coordinators: Material: Lorenzo Castrogiovanni - Air Liquide (accepted); Equipment: Florian Baldur - SUSS MicroTech (accepted); IP/EDA: Bruno Tiberon - Siemens EDA ; Fabless SiPo Osat: Kai Schelthoff - NXP (pending) Photonics: Carlos Pardo - KD Tech (accepted); Customer: Prof. Dr. Klaus Schmidt - Arbeitskreis Just in Time (pending); R&D - Jerker Delsing - Lulea University (accepted); Others: Dr. Sven Baumann - ZVEI (accepted)	
8	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (Hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins are available for the Cluster Fabless, R&D, Photonics, EMS & ODM	Hans Ehm		Done	New digital twin website from AESEMI available for all Alliance Members	
9	Information	Updates on Applied Market Cap Model for Middle East Tension Risk & Chance	Arthur Dausa Baizé (IFX)			For additional details see slide 24-26	
10	Information	New insights on middle east tension report are shown. Applied Market Cap estimations shown (See attached Excel for more details). Battery Research is shown.	Tweer Aurelia Seraphine (IFX)		Done	For additional details see slide 27-30	
11	Information	New insights on the Memory Report are shown, with focus on Quimonda.	Houllier Gaetan Bernard (IFX), Linnemann Anna Katharina (IFX)		Done	For additional details see slide 31-33	
12	Discussion	Feedback from Sverin Baumann (ZWEI) on EU Chips Act 2 Proposal of creation of a Digital Twin on the new EU Chips Act 2, as soon as the full document is available, since both risks and Chances arise with it.	Participants		Done		
13	Announcement	The next Digital Twin meeting on June 5th, 14:00-14:45 CET. The next Scope meeting on June 12th, 14:00-14:45 CET.	Hans Ehm		Done		

19	15.05.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Svenn Baumann (ZWEI), Alain Jarre (Hprobel), Chris Brockmann (Eccenca), Ina Sebastian (IFX), Sara Giusiano (IFX), Arthur Daussa (IFX), Aurelia Tweer (IFX), Anna Linnemann (IFX), Gaetan Houllier (IFX), Christine O'Brien (IFX)	Hans Ehm				
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3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Middle east tensions, Chip shortage due to memory at next upturn and boost for Power due to potential EV surge and Data Center surge , Risk of semicon. Tax, China rare earth 0.1% rule and rare gas dependency, Chance: European common interest (IPCEI) on cross tier collaboration (but currently long processes) , Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain. Focus on Geopolitical Risk	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
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9	Information	Updates on Applied Market Cap Model for Middle East Tension Risk & Chance	Arthur Daussa Balzé (IFX)			For additional details see slide 24-26	
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11	Information	New insights on the Memory Report are shown, with focus on Quimonda.	Houllier Gaetan Bernard (IFX), Linnemann Anna Katharina (IFX)		Done	For additional details see slide 31-33	
12	Discussion	Feedback from Svenn Baumann (ZWEI) on Quimonda. Feedback and presentation of Chris Brockmann (Eccenca) on AI, and next steps in AI and symbolic AI on hallucinations and neural networks. Presentation of SPRINT Initiative, based on Japa gpt: newest gpt models that aims to reduce hallucinations.	Participants		Done		
13	Announcement	The next Digital Twin meeting on May 22nd, 14:00-14:45 CET. The next Scope meeting on May 29th, 14:00-14:45 CET.	Hans Ehm		Done		
18	24.04.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Carlos Pardo (AESEMI), Kateri Alvarez Sanz (AESEMI), Diallo Fadilatou Koumba (IFX), Houllier Gaetan Bernard (IFX), Linnemann Anna Katharina (IFX), Tweer Aurelia Seraphine (IFX),	Hans Ehm				
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9	Information	Overview of Digital Twin and Stress Test Approach is shown.	Houllier Gaetan Bernard (IFX), Linnemann Anna Katharina (IFX)		Done	Member mentioned that further hosting resources can be provided. Background on hosting restrictions will be evaluated. Goal is to make the digital twin accessible by all alliance members.	
10	Information	New insights on middle east tension report are shown. Applied Market Cap estimations shown (See attached Excel for more details). Battery Research is shown.	Tweeer Aurelia Seraphine (IFX)		Done	For additional details see slide 24-31	
11	Discussion	AI-generated chance and risk matrices provide valuable insights and perspectives but are mainly based on sources from Reuters. Diversification of sources should be achieved.	Participants		Done		
12	Announcement	The next Digital Twin meeting on May 8th, 14:00-14:45 CET. The next Scope meeting on May 15th, 14:00-14:45 CET.	Hans Ehm		Done	No Digital Twin meeting on May 1st	
14A2:H127	10.04.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Carlos Pardo (AESEMI), Rafael Álvarez Sanz (AESEMI), Diallo Fadilatou Koumbou (IFX), Houllier Gaetan Bernard (IFX), Linnemann Anna Katharina (IFX), Tweeer Aurelia Seraphine (IFX), Yannic Schlosser (IFX)	Hans Ehm				
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9	Information	Overview of Digital Twin and Stress Test Approach is shown.	Houllier Gaetan Bernard (IFX), Linnemann Anna Katharina (IFX)		Done	Member mentioned that further hosting resources can be provided. Background on hosting restrictions will be evaluated. Goal is to make the digital twin accessible by all alliance members.	
10	Information	New insights on middle east tension report are shown.	Tweer Aurelia Seraphine (IFX)		Done	For additional details see slide 24-27	
11	Discussion	AI-generated chance and risk matrices provide valuable insights and information but are strictly based on sources from external third parties	Participants		Done		
12	Announcement	The next Digital Twin meeting on April 17th, 14:00-14:45 CET. The next Scope meeting on April 24th, 14:00-14:45 CET.	Hans Ehm		Done		
15	06.03.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Carlos Pardo (KD Tech), DR. Sven Baumann (ZVEI), Henrik Schielau (Opaxi), Yamego Benewende Job Wilfried (IFX), Ezozogo Gertrude Stephanie (IFX), Yannic Schlosser (IFX)	Hans Ehm				
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7	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (hybrid AI-based)	Hans Ehm		Done	Updated Reports from the Digital Twin are available as PDF-Files on the Alliance Sharedrive	
8	Information	Overview of Digital Twin and Stress Test Approach is shown. Additionally a Japan, of the current digital twin and more for a digital twin, new chip, Japan, of the current digital twin and more for a digital twin, new chip, USA Simulation Details are presented. Additional approach by Market	Hans Ehm, Dailio Yadiatou Koumbo (IFX), Yamego Benewende Job Wilfried (IFX), Ezozogo Gertrude Stephanie (IFX)		Done	See attached PowerPoint presentation (slide 22-29) for further details	
9	Information	USA Simulation Details are presented. Additional approach by Market	Hans Ehm		Open	For additional details see slide 27-36 Use Web-Crawlers to capture additional information for updated risk assessments and possible	

10	Discussion	Chances and Risk Discussion: Chiplets in Equipment should be represented in Red Quadrant, Photonics: AI Infrastructure is gaining momentum (early monitoring of situation) - Chance for Europe and European Start-Ups; Possible OI shortage in Chinese Production Landscape; Chip Shortage (RAM) - not only risk, but also chance for European Start-Ups; Monitor development of Physical AI	Participants		Done		
12	Announcement	The next Digital Twin meeting on March 13th, 14:00 – 14:45 CET. The next Scope meeting on March 20th, 14:00-14:45 CET.	Hans Ehm		Done		
14	20.02.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Carlos Pardo (KD Tech), DR. Sven Baumann (ZVEI), Henrik Schmielau (Opax), Yamego Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX), Yannik Schlosser (IFX), Philipp Ulrich (IFX)	Hans Ehm				
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1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (Anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip , Risk of semicon. Tax, China rare earth 0.1% rule and rare gas dependency, Chance: European common interest (PCEI) on cross tier collaboration , Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
6	Information	Presentation of Cluster Representatives and Proposed Firms/Representatives	Hans Ehm		Open	Proposed Coordinators: Material: Lorenzo Castro Giovanni - Air Liquide (accepted); Equipment: Florian Baiduf - SUSS MicroTech (accepted); IP/EDA: Prof Schmidt- Siemens EDA ; Fabless SiFo Osat: Kai Schelthoff - NXP (pending) EMS: NN - Zollner (pending); Photonics: Carlos Pardo - KD Tech (accepted); Customer: NN - Arbeitskreis Just in Time (pending); R&D - Jerker Delsing - Lulea University (accepted); Others: Sven Baumann - ZVEI (accepted)	
7	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins are available for the Cluster Fabless, R&D, Photonics, EMS & ODM	Hans Ehm		Done	Updated Reports from the Digital Twin are available as PDF-Files on the Alliance Sharedrive	
8	Information	Overview of Digital Twin and Stress Test Approach is shown. Additionally a demo of the current digital twin and stress test simulation in anylogic	Hans Ehm, Diallo Fadilatou Koumbo (IFX), Yamego Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX)		Done	See attached PowerPoint presentation (Slide 22-29) for further details.	
9	Information	Japan, TSMC, South Korea, JESSi&Quimonda, Rise of China, New Commers, USA Simulation Details are presented.	Hans Ehm		Open	For additional details see slide 27-36 / Use Web-Crawlers to capture additional information for updated risk assessments and possible digital twin integration	
10	Discussion	Difficulties in Mapping on Scope Matrix discussed	Participants		Done		
11	Announcement	General Assembly Meeting next Wednesday (25.02.2026)	Hans Ehm		Done		
12	Announcement	The 18th Digital Twin meeting on December 13th , 14:00 – 14:45 CET. The 13th Scope meeting on December 20th, 14:00-14:45 CET.	Hans Ehm		Done		
14	20.02.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Carlos Pardo (KD Tech), DR. Sven Baumann (ZVEI), Henrik Schmielau (Opax), Yamego Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX), Yannik Schlosser (IFX), Philipp Ulrich (IFX)	Hans Ehm				
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
Item #	Item Type	Topics	A/I Owner, Decider, Info provider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (Anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip , Risk of semicon. Tax, China rare earth 0.1% rule and rare gas dependency, Chance: European common interest (PCEI) on cross tier collaboration (but currently long processes) , Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
6	Information	Presentation of Cluster Representatives and Proposed Firms/Representatives	Hans Ehm		Open	Proposed Coordinators: Material: Lorenzo Castro Giovanni - Air Liquide (accepted); Equipment: Florian Baiduf - SUSS MicroTech (accepted); IP/EDA: Prof Schmidt- Siemens EDA ; Fabless SiFo Osat: Kai Schelthoff - NXP (pending) EMS: NN - Zollner (pending); Photonics: Carlos Pardo - KD Tech (accepted); Customer: NN - Arbeitskreis Just in Time (pending); R&D - Jerker Delsing - Lulea University (accepted); Others: Sven Baumann - ZVEI (accepted)	
7	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins are available for the Cluster Fabless, R&D, Photonics, EMS & ODM	Hans Ehm		Done	Updated Reports from the Digital Twin are available as PDF-Files on the Alliance Sharedrive	
8	Information	Overview of Digital Twin and Stress Test Approach is shown. Additionally a demo of the current digital twin and stress test simulation in anylogic	Hans Ehm, Diallo Fadilatou Koumbo (IFX), Yamego Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX)		Done	See attached PowerPoint presentation (Slide 22-29) for further details.	
9	Information	Japan, TSMC, South Korea, JESSi&Quimonda, Rise of China, New Commers, USA Simulation Details are presented. Additional approach by Market Capitalization is presented	Hans Ehm		Open	For additional details see slide 27-36 / Use Web-Crawlers to capture additional information for updated risk assessments and possible digital twin integration	

10	Discussion		Participants		Done		
11	Announcement	General Assembly Meeting next Wednesday (25.02.2026)		Hans Ehm	Done		
12	Announcement	The 18th Digital Twin meeting on December 13th , 14:00 – 14:45 CET. The 13th Scope meeting on December 20th, 14:00-14:45 CET		Hans Ehm	Done		
13	06.02.2026	Hans Ehm (IFX), Bibi de Jong (NXP), Henrik Schrielleau (Opax), Yameogo Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX), Viktoria Köbe (IFX), Yannic Schlosser (IFX)		Hans Ehm			
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, China rare earth 0,1% rule and rare gas dependency, Chance: European common interest (IPCEI) on cross tier collaboration, Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are beeing sent upon request on a bi-weekly basis	
6	Information	Proposal for Cluster Representatives	Hans Ehm		Open	Proposed Coordinators: Material: Lorenzo Castrogiovanni - Air Liquide; Equipment: Florian Balduf - SUSS MicroTech; IP/EDA - Siemens; Fabless SIFo Osat: Infineon, STMicroelectronic, NXP; EMS - Zollner; Photonics: Carlos Pardo - KD Tech; Customer - Arbeitskreis Just in Time; R&D - Jerker Delsing Lulea University; Others: Sven Baumann - ZVEI	
7	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins are available for the Cluster Fabless, R&D, Photonics, EMS & ODM	Hans Ehm		Done	Updated Reports from the Digital Twin are available as PDF-Files on the Alliance Sharedrive	
8	Information	Overview of Digital Twin and Stress Test Approach is shown. Additionally a demo of the current digital twin and stress test simulation in anylogic	Hans Ehm, Diallo Fadilatou Koumbo (IFX), Yameogo Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX)		Done	See attached PowerPoint presentation (Slide 22-29) for further details.	
9	Discussion	Japan Simulation Details are presented	Hans Ehm		Open	Use Web-Crawlers to capture additional information for updated risk assessments and possible digital twin integration	
10	Discussion	Granularity levels on digital twin for rare gas materials got discussed	Members		Open	Re-evaluate granularity levels for DT approach	
11	Discussion	Brainstorming on past crisis	Members		Open	Identify measurable disruptions (e.g. Helium Shortage) to validate simulation model	
12	Announcement	The 18th Digital Twin meeting on December 13th, 14:00 – 14:45 CET. The 13th Scope meeting on December 20th, 14:00-14:45 CET		Hans Ehm	Done		
12	23.01.2026	Kai Schelthoff(NXP), Lorenzo Castrogiovanni (AirLiquide), Viktoria Köbe (IFX), Yannic Schlosser (IFX), Hans Ehm (IFX), Jan van Deventer, Yannick Mester, Henrik Schrielleau, Diallo Fadilatou Koumbo (IFX), Yameogo Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX)		Hans Ehm			
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, China rare earth 0,1% rule and rare gas dependency, Chance: European common interest (IPCEI) on cross tier collaboration, Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done	See attached PowerPoint (Slide 9) presentation for further details.	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation (Slide 10-19) for further details.	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are beeing sent upon request on a bi-weekly basis	
6	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins for all clusters (for ideas see slides)	Hans Ehm		Done		
7	Information	Overview of Digital Twin and Stress Test Approach is shown. Additionally a demo of the current digital twin and stress test simulation in anylogic	Hans Ehm, Diallo Fadilatou Koumbo (IFX), Yameogo Benewende Job Wilfried (IFX), Bazongo Gertrude Stephanie (IFX)		Done	See attached PowerPoint presentation (Slide 21-25) for further details.	
8	Discussion	Recent China Japan trade tensions on rare earth materials got mentioned. Photoresist deliveries stopped from Japan.	Members		Open	Use Web-Crawlers to capture additional information for updated risk assessments and possible digital twin integration	
9	Discussion	Granularity levels on digital twin for rare gas materials got discussed	Members		Open	Re-evaluate granularity levels for DT approach	
10	Discussion	Brainstorming on past crisis	Members		Open	Identify measurable disruptions (e.g. Helium Shortage) to validate simulation model	
11	Announcement	next Digital Twin meeting on December 13th		Hans Ehm	Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
11	12.12.2025	Jürgen Sturm(TI), Kai Schelthoff(NXP), Lorenzo Castrogiovanni (AirLiquide), Viktoria Köbe (IFX), Yannic Schlosser (IFX), Klaus Buchwald (Siltronic), Hans Ehm (IFX), Jan van Deventer, Yannick Mester, Roland Krumm, Maurice Elst, Sven (Zvei)		Hans Ehm			
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed.	Hans Ehm		Done		

		We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)					
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done		
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation for further details.	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
6	Information	Digital Twin Approach: - Risk and Chance positioning using our Risk/Chance Matrix - Supply Chain clustering according to SEMI, SIA and our own assessment - Example for risks and chances (Hybrid AI-based) - Digital twin definition, target and approach - Nexperia Digital Twin - Approach for a Digital Twin for a rare Gas: Octafluorocyclobutane (C4F8) - More Digital Twins for all clusters (for ideas see slides)	Hans Ehm		Done		
6	Discussion	- someone asked how the digital Twin can be a PDF. - Hans mentioned there were nice discussions in Seattle at the Simulation Conference about how to get from a snapshot to a hole digital twin. - Relationships between the Digital Twins -> conceptual model needed - The stress test will enable us to modeling scenarios	Members		Open	We will try to do a small AnyLogic Example.	
7	Announcement	next Digital Twin meeting on December 19th	Hans Ehm		Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
10	28.11.2025	Bibi de Jong(NXP), Jürgen Sturm(TTI), Kai Schellhoff(NXP), Lorenzo Castrogiovanni (Air Liquide), Viktoria Köbe (IPX), Yannic Schlosser (IPX), Klaus Buchwald (Siltronic)	Hans Ehm, today represented by Yannic Schlosser (IPX)				
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Yannic Schlosser on behalf of Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Yannic Schlosser on behalf of Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Yannic Schlosser on behalf of Hans Ehm		Done		
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Yannic Schlosser on behalf of Hans Ehm		Done	See attached PowerPoint presentation for further details.	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Yannic Schlosser on behalf of Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
6	Discussion	It was emphasized that the materials issue concerns not only ESG considerations related to China but all basic materials sourced from outside Europe (e.g., krypton, neon, helium). Accordingly, it was requested that a simulation be provided showing that the interruption of supply for a single gas from China would halt semiconductor production across Europe. It was further underscored that this issue requires close attention and that it should be addressed more effectively by the European Commission in the Chips Act 2.0.	Member		Done	Digital Twin potential will be discussed in the following meeting on the 21st.	
7	Announcement	The 16th Digital Twin meeting on December 5th, 14:00 – 14:45 CET. The 11th Scope meeting on December 12th, 14:00-14:45 CET.	Hans Ehm		Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
9	14.11.2025		Hans Ehm				
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks	Hans Ehm		Done		
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation for further details	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
6	Information	Slides from the F2F meeting on the 13th in Brussels are shown.	Hans Ehm		Done	See attached Presentation to for further details	
6	Discussion	Feedback to Material Risk-Assessment: 75% of rare-gas supply coming from China, creating high exposure for EU semiconductor manufacturers	Member		Done	Digital Twin potential will be discussed in the following meeting on the 21st.	
7	Discussion	Patent violations are mentioned as ongoing topic as well as chip shortage among customer companies regarding trade restrictions between USA/EU and China. Also Nexperia Europe case is being discussed.	Everyone		Done		
8	Discussion	China dependency risk mentioned for chip deliveries to customer cluster. Gas supplies for material suppliers also highly dependent on Chinese deliveries	Everyone		Done		
9	Announcement	The 15th Digital Twin meeting on November 21st, 14:00 – 14:45 CET. The 10th Scope meeting on November 28th, 14:00-14:45 CET.	Hans Ehm		Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
7	17.10.2025		Hans Ehm				
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		

3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks; first public view of combined matrix.	Hans Ehm		Done		
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation for further details	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done	AI generated Chance and Risk assessments are being sent upon request on a bi-weekly basis	
6	Discussion	Patent violations are mentioned as ongoing topic as well as potential chip shortage among customer companies regarding trade restrictions between USA/EU and China	Everyone		Done		
7	Discussion	China dependency risk mentioned for chip deliveries to customer cluster. Gas supplies for material suppliers also highly depended on Chinese deliveries	Everyone		Done		
8	Announcement	The 13th Meeting of the WG on Supply Chains on October 22nd 9:00 – 10:00 CET The 14th Digital Twin meeting on October 24th , 14:00 – 14:45 CET. The 2nd P2F meeting of the IA Nov 13th at Sparks Brussels	Hans Ehm		Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
6	03.10.2025	Hans Ehm, Bibi de Jong	Hans Ehm				
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done	Low meeting participation due to public holiday in Germany	
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks; first public view of combined matrix.	Hans Ehm		Done		
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation for further details	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done		
6	Announcement	Next Digital Twin meeting planned for 10 Oct 2025 and next Scope meeting planned for 17 Oct 2025. Focus in the next Scope meeting will be the preparation for the 13th meeting that will take place face to face at SPARKS in Brussels/Belgium.	Hans Ehm		Done	Preparation of face to face meeting in Brussels/Belgium	
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
4	19.09.2025	Yannic Schlosser, Viktoria Koebe, Juergen Sturm	Hans Ehm				
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
3	Information	Explanation of High-Impact / Prioritization scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks; first public view of combined matrix.	Hans Ehm		Done		
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation for further details	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done		
6	Discussion	Patent violations are mentioned as current topic. Discussion about asking Industrial Alliance and European Commission for support.	Everyone		Done		
7	Discussion	Discussion to use AI-based chance and risk assessments form foundation for stress testing down the road. Chance for consolidating stress testing and AI-chance and risk assessments together	Hans Ehm, Juergen Sturm		Done		
8	A/I	Discussion about implementing a procedure to bring potential chances and risks into the assessment framework (e.g. via Web-Page) to be able to quickly react to chances and risks and bring information from participants to the Alliance. Pillar 3 of IA is mentioned. It must be checked if Pillar 3 can be used to provide the requested functionality.	Everyone	19.09.2025	Ongoing	Task: Look into Pillar 3 to identify if the framework can be used for the work in Scope	
9	Announcement	Next Digital Twin meeting planned for 12 Sep 2025 and next Scope meeting planned for 19 Sep 2025	Hans Ehm		Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
3	05.09.2025	Hans Ehm, Henrik Schierlau, Yannic Schlosser, Viktoria Koebe, Carlos Pardo, Juergen Sturm	Hans Ehm				
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links
1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)	Hans Ehm		Done		
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabless, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm		Done		
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4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain.	Hans Ehm		Done	See attached PowerPoint presentation for further details	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm		Done		
6	Discussion	Patent violations are mentioned as current topic. Discussion about asking Industrial Alliance and European Commission for support.	Everyone		Done		
7	Discussion	Discussion to use AI-based chance and risk assessments form foundation for stress testing down the road. Chance for consolidating stress testing and AI-chance and risk assessments together	Hans Ehm, Juergen Sturm		Done		
8	A/I	Discussion about implementing a procedure to bring potential chances and risks into the assessment framework (e.g. via Web-Page) to be able to quickly react to chances and risks and bring information from participants to the Alliance. Pillar 3 of IA is mentioned. It must be checked if Pillar 3 can be used to provide the requested functionality.	Everyone	19.09.2025	Ongoing	Task: Look into Pillar 3 to identify if the framework can be used for the work in Scope	
9	Announcement	Next Digital Twin meeting planned for 12 Sep 2025 and next Scope meeting planned for 19 Sep 2025	Hans Ehm		Done		
Meeting	Date	Participants	Name of the owner	Deadline	Status	Comments	Links
2	22.08.2025	Hans Ehm, Ema Salkic, Ben Seifert, Yannic Schlosser, Viktoria Koebe, Jan van Deventer, Bibi de Jong, Philippe Kalfetelle	Hans Ehm				
Item #	Item Type	Topics	A/I Owner, Decider, Infoprovider	Deadline (A/I)	Status (A/I)	Comments	Links

1	Information	Rules /Regulation: only registered members of IA are allowed to join meetings, individuals need approval by the representative of their organization. One time guests with invitation or people in the process of registering are also allowed. From next meeting onwards, introduce a waiting room for the joiners to wait at before getting accepted to part-take in the meeting.	Hans Ehm	Done	
2	Information	We want an open and respectful discussion and therefore use the Chatham House rules. (anyone who comes to a meeting is free to use information from the discussion, but is not allowed to reveal who made any particular comment)			
2	Information	Presentation of the supply-chain clustering based on SEMI, SIA and an internal assessment by the IA consisting of: Materials, Capital Equipment, IP/EDA, IDM/Fabiles, Wafer Foundry, OSAT/IDM Backend, Photonics, EMS/ODM, Photonics, EMS/ODM, Semi-finished parts & components, Final products, R&D/Academia, Other	Hans Ehm	Done	
3	Information	Explanation of High-Impact / Prioritisation scale (Risk: Patent Violations, High EU energy costs & ESG cost burden, Chip shortage at next upturn due to bullwhip, Risk of semicon. Tax, Chance: Tech leadership of Europe in photonics, Workforce & Sustainability initiatives) and addition of Tax topic to key risks; first public view of combined matrix.	Hans Ehm	Done	
4	Information	Display of consolidated AI-based Chance & Risk assessment matrix with examples for all clusters in the semiconductor supply chain	Hans Ehm	Done	
5	Information	AI-based chance/risk matrix will be circulated; subgroup invited to send improvement suggestions for future AI assessments	Hans Ehm	Done	
6	Information	Demonstration of the current state of the excel file on Fabs and Products along the supply chain.	Viktoria Koebe	Done	
7	Discussion	A few participnats suggested working on adding more detail to the Risk and Chance matrix by gathering relevant material and feeding it into the model. Moving from general to more detailed/specific analysis.	Participants	Done	
10	Announcement	Next Working Group Supply Chain General Assembly meeting planned for 27 Aug 2025, next Digital Twin meeting planned for 29 Aug 2025 and next Scope meeting planned for 5 Sep 2025	Hans Ehm	Done	

[illegible]