southern german and israeli

[innovation summit]

[9:00 - 9:30 a.m.]	Track 1 Smart Cities	Track 2 Smart Manufacturing	Track 3 B2B Matching
[9:00 - 9:30 a.m.]	Opening Panel: **Doron Hemo** (Head of Israeli Economic & Trade Mission Munich), **Dr. Markus Wittmann** (Bavarian Ministry for Economic Affairs) and **Yaron Flint** (Continental Israel)		
[9:45 – 11:15 a.m.]	Session 1a Bavaria (Mobility)	Session 2a Baden-Wuerttemberg (Automation)	B2B-Talks
[11:30 – 1:00 a.m.]	Session 1b Hesse (Energy, Environment)	Session 2b Saarland (Materials)	Pitches Israeli Startups *(also in Track 1 & 2)*
[1:00 – 1:50 p.m.]	Lunch		
[1.50 – 2:00 p.m.]	On the way to innovation with start-ups: a co-creation approach		
[2:30 – 3:00 p.m.]	Session 3 Bavaria (BayFOR / Fraunhofer) Funding Programs		Pitches: representatives of Southern German Länder in Israel
[3:30 – 5:00 p.m.]	Session 1c Bavaria and Israel (Architecture and Living)	Session 2c Rhineland-Palatinate (Intelligence)	

Track 1: Smart Cities

Session 1a - Bavaria (Mobility)	**How will we move around the city in the future?** The urban mobility of the future will be diverse, quieter and greener. The intelligent use of traffic data, new mobility options, intermodal and collaborative use of e-vehicles and innovative concepts for charging them will help achieve this goal.
	Topics: traffic flow, smart mobility services: e.g. sharing, intermodality, smart parking, charging infrastructure.
Session 1b – Hesse (Energy, Environment)	**How do we ensure the supply of energy while protecting the environment?** Urban energy demand remains high. Efficient use of energy through sector coupling and smart grids can make a contribution to save energy. Autonomous charging solutions for electric vehicles and terminal devices or new battery solutions and reprocessing must be resource and environmental friendly.
	Topics: sector coupling technologies, smart grids and net security, autonomous charging.
Session 1c – Israel / Bavaria (Spaces in the city, Architecture, Resilience and digital offerings)	**How will we live together in the future?** From health and lifestyle to building and living, digital products and solutions are becoming a substantial part of urban life. However, technology and efficiency are not everything. Cities need good architecture across the board and livable public spaces. This includes markets and market places as well as rooms to recreate and to be creative. Finally, there is the subject of precautionary measures: Resilience in crises is a key element of good urban management.
	Topics:, cityscape and public spaces, sustainability and autarky (readiness for crises), telemedicine, smart wear, lifestyle and living together, circular economy, digital, BIM, smart homes.

Track 2: Smart Manufacturing

Session 2a – Baden-Wuerttemberg (Automation)	**How will we produce goods in the future?** Digitized production technologies are influencing business models and changing market structures. They demand new competencies and present us with new challenges. What will Industry 4.0 actually look like in everyday production, and what benefits does increased networking offer? Fields of application for digital twins and human-robot collaboration, flexible production methods and the individualization of products can be found in many industries.
	Topics: Industry 4.0, digital twins, batch size one, human-robot collaboration
Session 2b - Saarland (Materials)	**What can the materials of the future do?** More and new demands are being placed on materials, ranging from the installation of sensors in textiles to valuable reuse at the end of the life cycle in the sense of a circular economy,. Various materials can already be used in additive production, and renewable resources are replacing conventional raw materials on the way to a bio-based economy.
	Topics: smart materials, additive manufacturing, bioeconomy.
Session 2c - Rhineland-Palatinate (Intelligence)	**What will digital intelligence bring us in the future?** Artificial intelligence will be the key to the next efficiency step. Digital transformation is taking place in all areas of our lives and is leading to increased development of digital intelligence in production, processes and end devices.
	Topics: artificial intelligence, intelligence in production, industrial internet of things (IIoT), IT/OT.