

Niet nóg een Proof of Concept: Let's get S**IR**ious!

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PRODUCTIE PROCES
AUTOMATISERING

PPA 22



Industrie 4.0 Cyber Security
Industrial Internet of Things Data
Cloud IT/OT Integration



Weersverwachting

Componenten

Smart Sensors

- Pressure / temperature
- Vibration
- Proximity
- Orientation
- Corrosion

Network Architectures

- IIoT Gateways
- Edge computing
- Protocols/conversions (OPC UA, MQTT, HTTP/ REST)
- Industrial ethernet, IO-Link
- LoRA LPWAN

Cloud Storage / CPU

- IIoT Platforms
- On-premise private/ hybrid/ public
- IaaS, SaaS, PaaS

Data Analysis

- Visualization
- AI/ML
- Predictivity/ Prescriptivity
- Autonomy
- Open source

Low Cost!

Smart Industry Readiness Index



- Catalyzing the global transformation of manufacturing
- Adopted globally by over 600 companies across 14 industries

Companies with CSAs

Over 100 CSAs globally	Across 30 Countries	> 500 OSAs completed
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Selection of Assessments conducted



SIRI Referentie database

SIRI has been adopted globally by > 600 companies across 14 industry groups



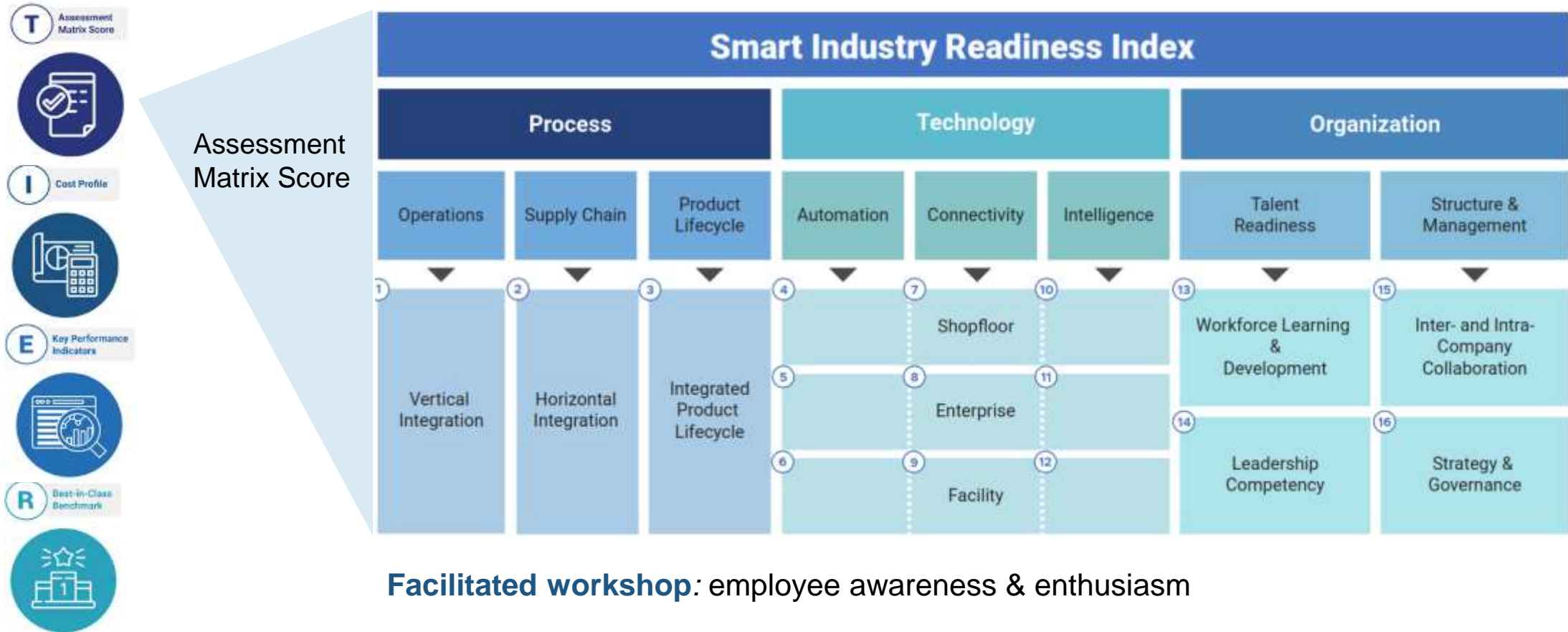
The 14 Industry Groups

 Aerospace	 Automotive	 Electronics	 Energy & Chemicals (Downstream)	 Food & Beverage	 General Manufacturing	 Logistics
 Oil & Gas (Upstream)	 Machinery & Equipment	 Medical Technology	 Pharmaceuticals	 Precision Parts	 Semiconductors	 Textile, Clothing, Leather & Footwear



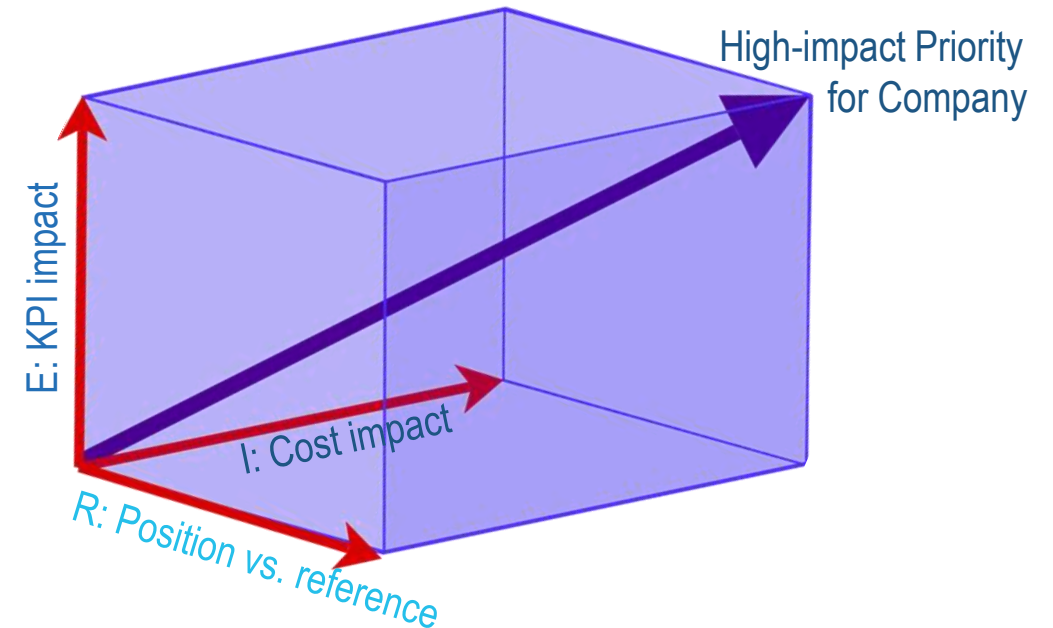
Tweedaagse SIRI workshop met brede vertegenwoordiging

Assessment Matrix: assessing status against 6 Readiness levels on each of the 16 Dimensions



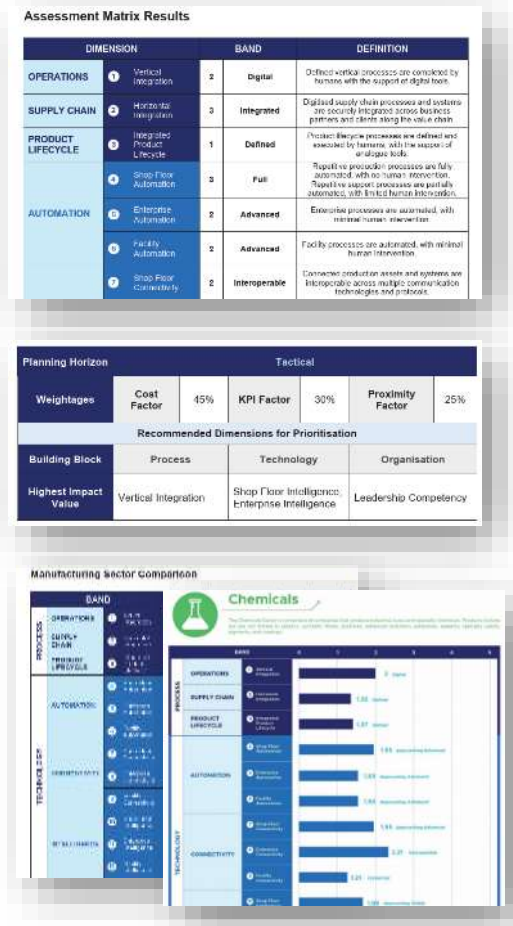
SIRI Methodologie, Vectors

- Relating assessment to finance and strategic KPI's
- Setting high-impact transformation initiatives



SIRI resultaten: Rapportage

An independent, data-guided i4.0 benchmarking and maturity check, and insights on where to focus initiatives



Assessment Matrix Results

Detailing the current state of a company's manufacturing operations

Prioritization Matrix Recommendations

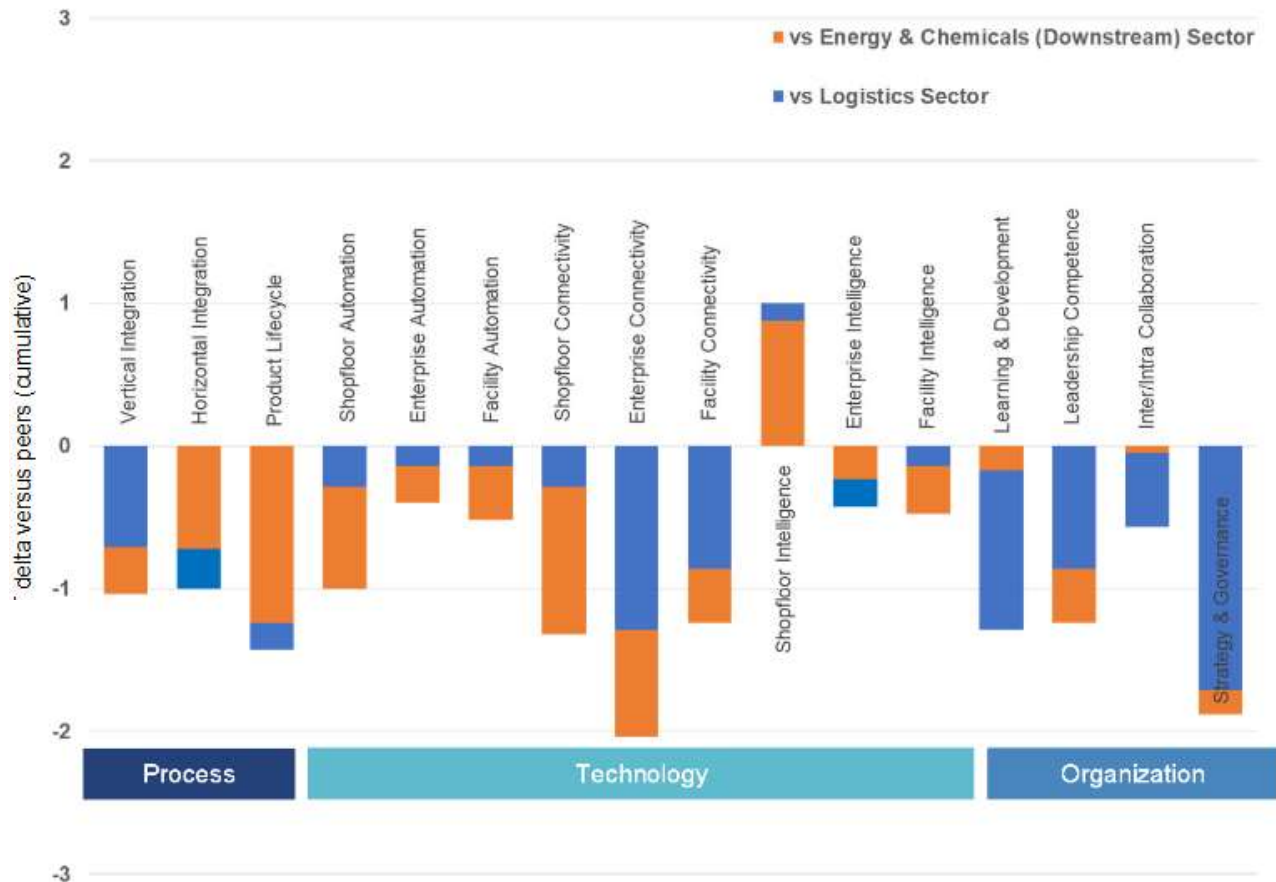
As reference points to guidance the scoping of following up activities

Whole of Manufacturing / Industry-Specific Benchmarks

To help companies take into considerations external yardstick to determine the aspiration and commitment levels

SIRI resultaten: De-Briefing Slide-pack

16-dimension benchmarking of operations against global and industry-specific peer-group



■ Outlooks

Into the desired future digitalization state, as per business needs

■ Birds-eye view

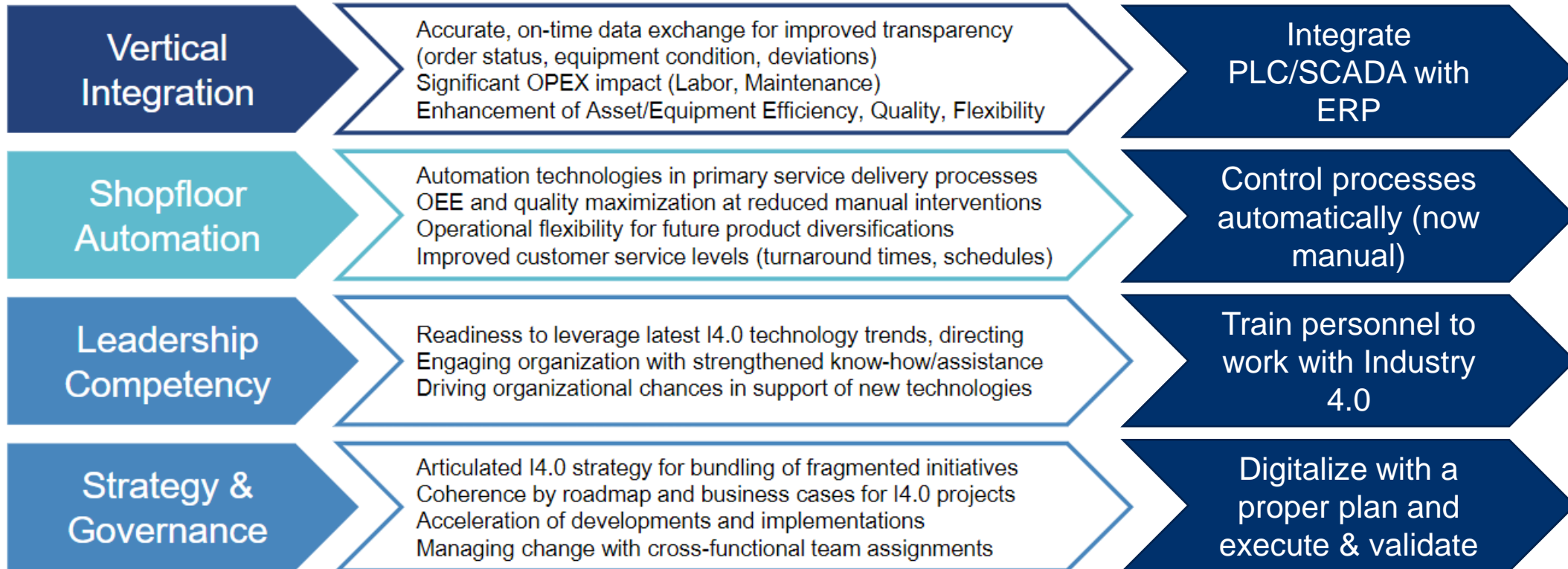
Across network of operations

■ Comprehensive reference

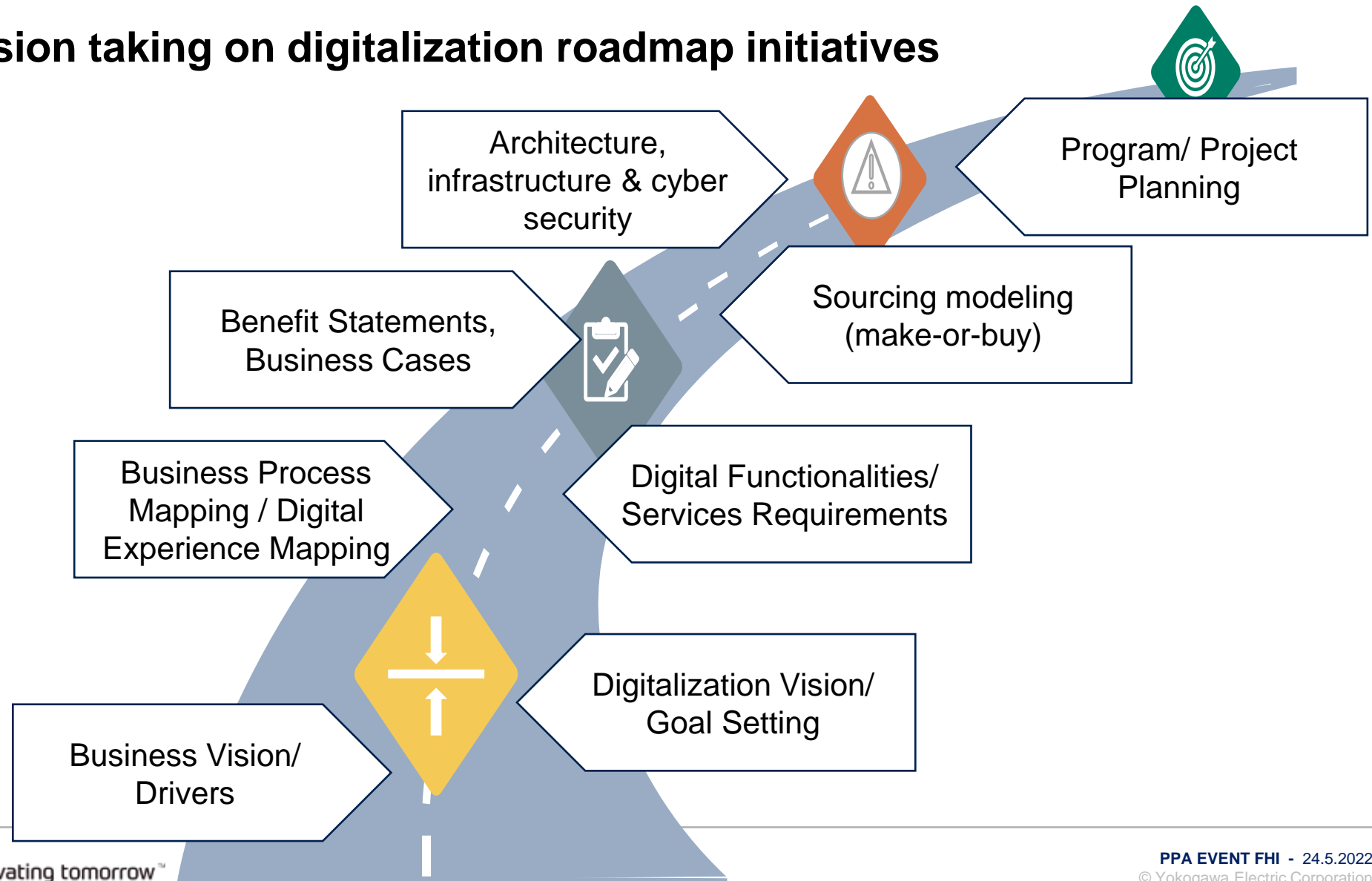
To develop Industry 4.0 roadmaps and identify specific digitalization transformation measures

SIRI resultaten: Bedrijfsspecifieke prioriteiten

Structured, facts-based guidance on recommended focus areas



Reinforced decision taking on digitalization roadmap initiatives



Niet wéér een Proof of Concept!

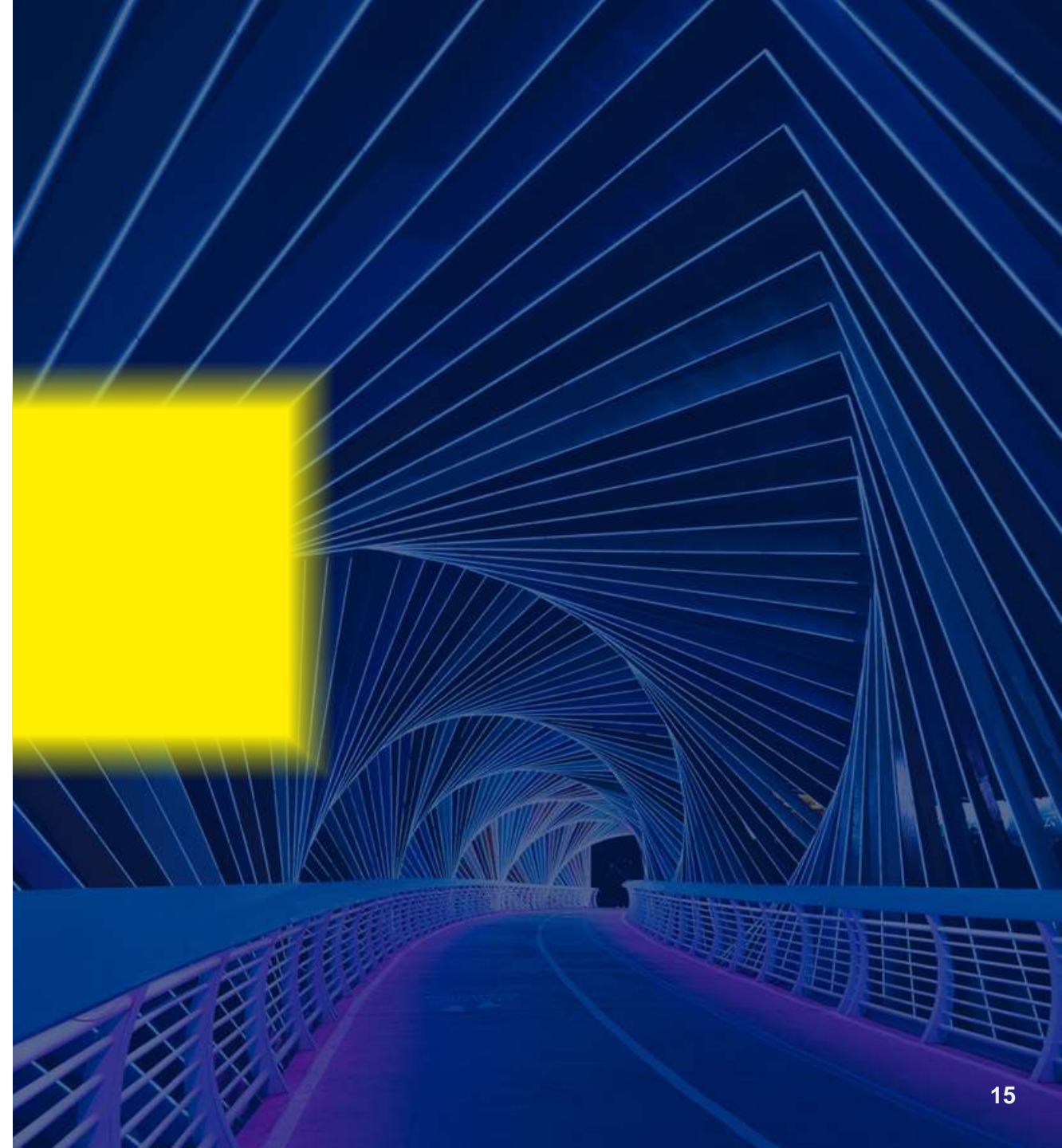
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- Hoe creëer ik overzicht in het Smart Industry werkveld?
 - Zou het goed zijn om te weten waar ik feitelijk sta t.o.v. vergelijkbare bedrijven in de industrie?
 - Zou ik mijn I4.0 roadmap beter eens aan een onafhankelijke review onderwerpen?
 - Hoe krijg ik de niet-technologie-gebonden zaken goed in kaart (processen, organisatie)?
 - Hoe mobiliseer ik sleutelfiguren in mijn organisatie voor dit thema?

Co-innovating tomorrow™

Onafhankelijke SIRI Assessor

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Tot ziens op standnr. 11



Weersverwachting

