

Data Interoperability for Risk Management



PEAK
AWARD
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Impact breakfast side event @



Salt Lake City, UT • September 24, 2019

EXXERGY is a consulting firm offering a wide range of services

Solar power	Power storage	Glass and specialty chemicals	Industrial and specialty gases		
				Corporate Strategy	<ul style="list-style-type: none">• Marketing and sales strategy• M&A: Buy Side / Sell Side advisory• Organizational development and structuring• Business due diligence
				Markets	<ul style="list-style-type: none">• Market research and analysis• Product development• Sales effectiveness optimization• Operational market entry support• Operational procurement support
				Finance	<ul style="list-style-type: none">• Project bankability• Business planning• Financing structures & fund raising• Business assessment• Performance warranty insurance
				Human Resources	<ul style="list-style-type: none">• Management assessment• Performance management• Training programs• Recruitment
				Technology Processes	<ul style="list-style-type: none">• Manufacturer audits/technical DD• Technology transfer• Product development• Process optimization• Technical feasibility assessments

EXXERGY ...

... supports / cooperates with
several NGO / non-profit organizations



SolarPower
Europe



TEXSECURE

Rating Foundation



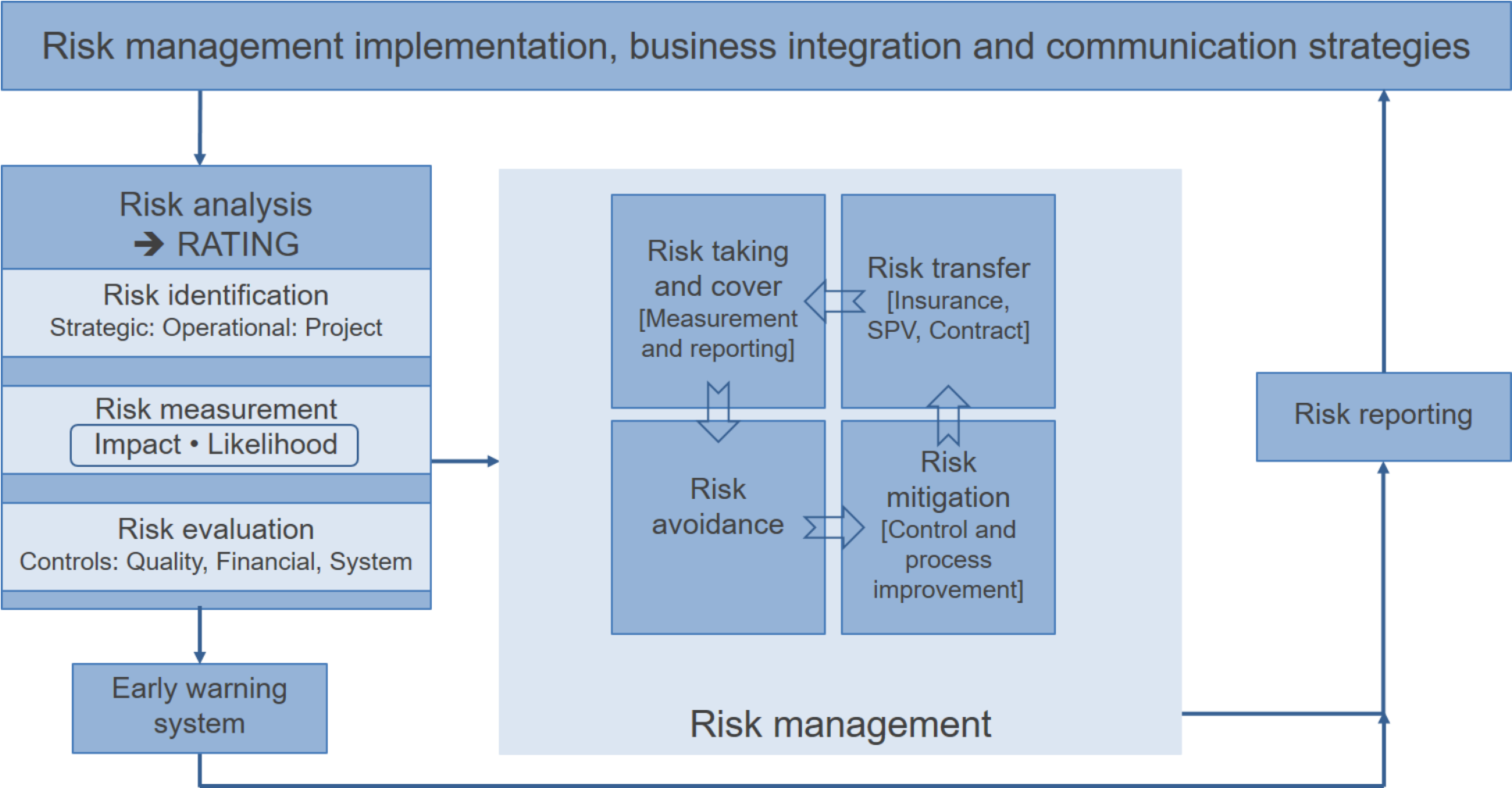
USNC (IECRE), PVQAT, TBKON.IECRE.CMC

... etc.

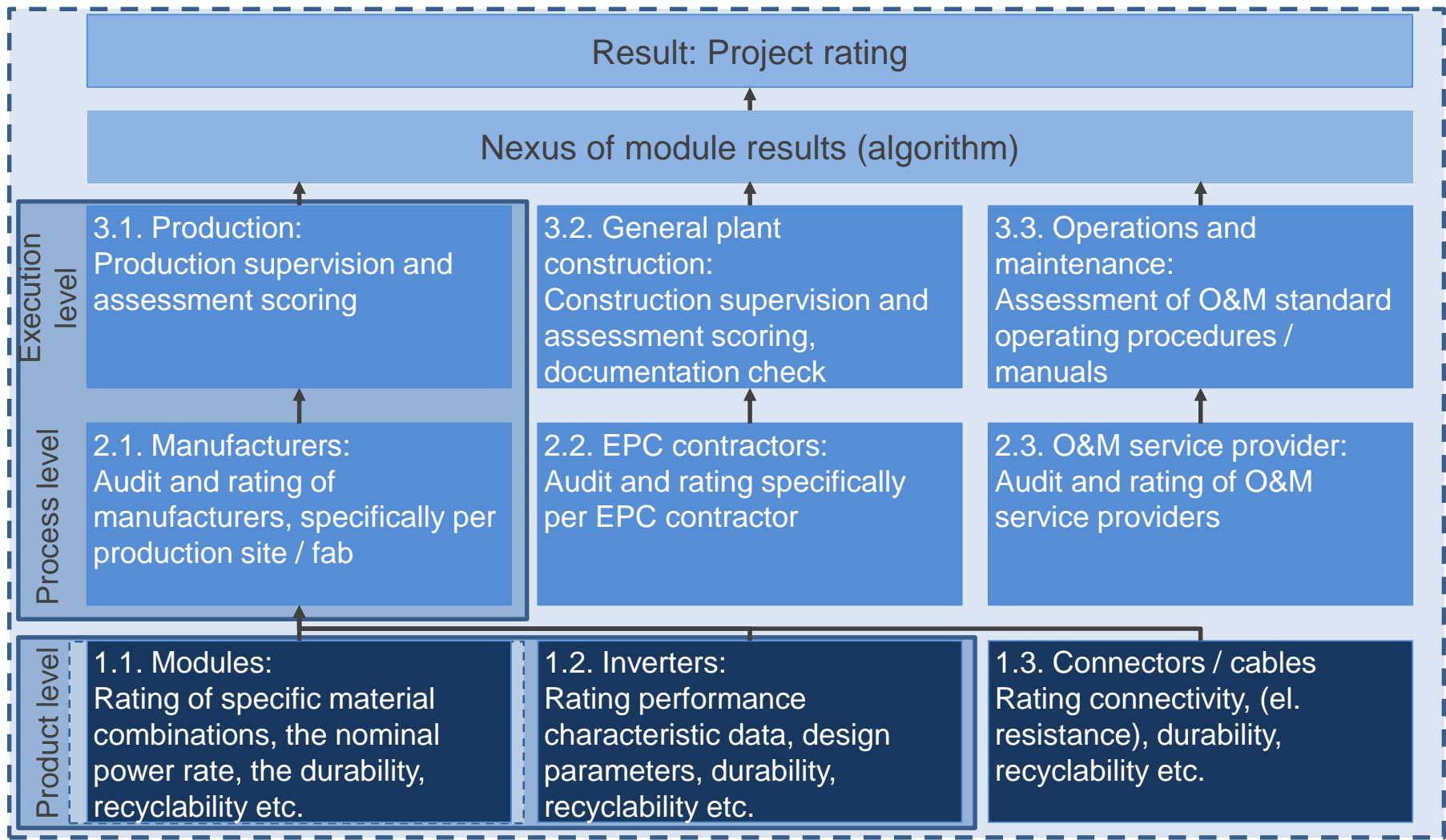
... is active in:

- Europe
- North America
- China
- Japan
- APAC

Certification and rating are essential elements of a solid risk management strategy

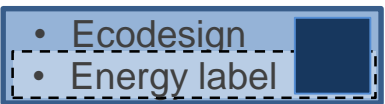


To effectively enable managing risks, TEXXECURE currently develops a rating system within the framework of IECRE

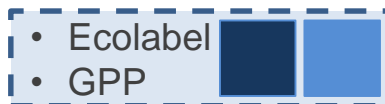


Proposal EU Commission:

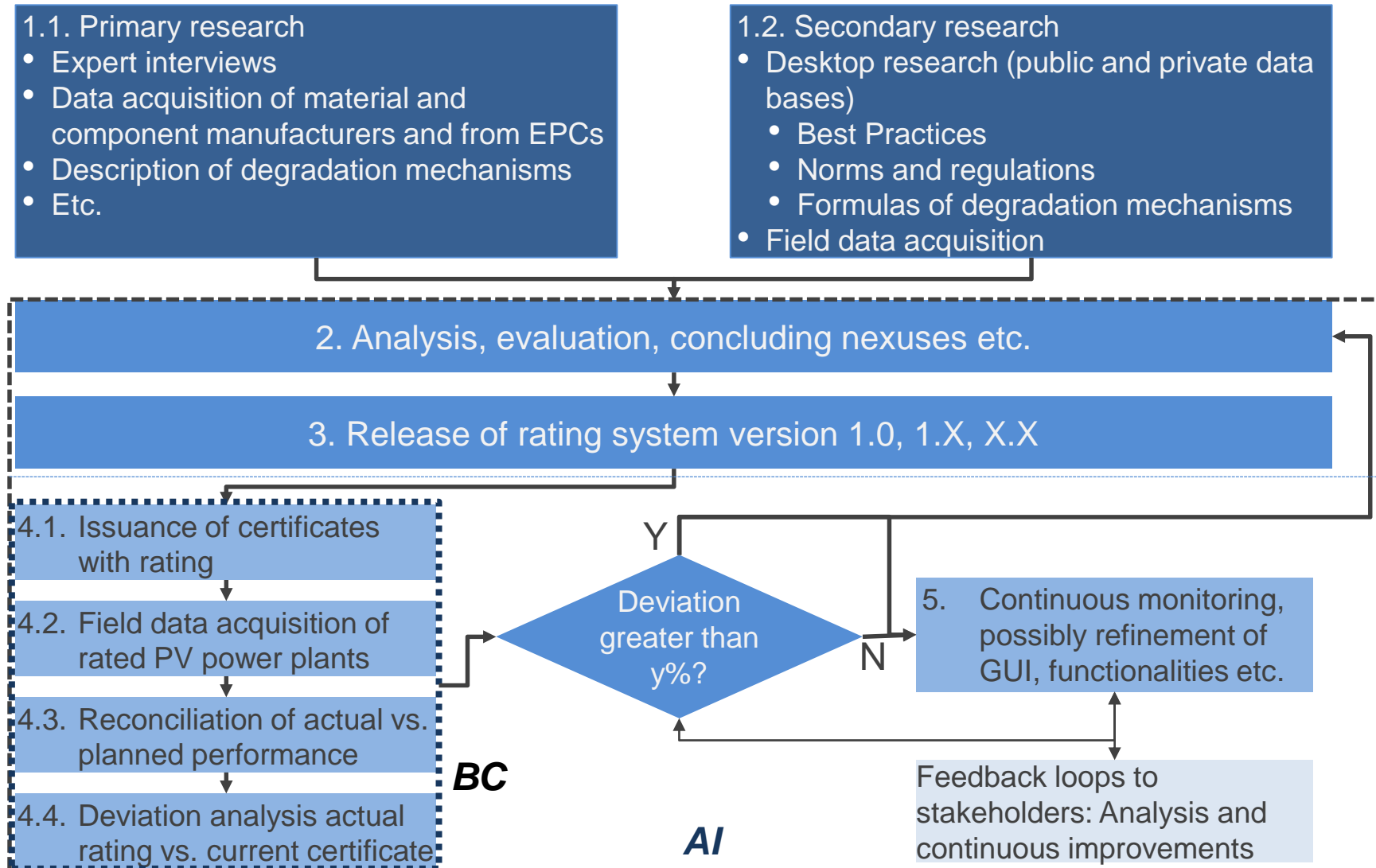
➔ Min. BBB-



➔ Min. AA-



Applying artificial intelligence will amplify the usefulness of the TEXXECURE / IECRE rating system



* Abbreviations:
BC: Blockchain
AI: Artificial intelligence

The triangle of standardization, conformity assessment, and rating system enables furthering healthy LCOE reductions

- **Several initiatives are crucial to further the reduction of LCOE**
 - PV is on a continuing trajectory reducing LCOE significantly
 - The trajectory for LCOE reduction for wind is relatively marginal
 - **Quality concerns can jeopardize LCOE projections**
- **Crucial initiatives are about standardization**
 - IECRE issues standards for RE power plants
 - The “Orange Button” initiative is about data taxonomies
 - for financial reporting (historical data)
→ XBRL data system
 - To manage larger technical performance data volumes, a more efficient taxonomy is required



More tomorrow @ 1:40 p.m. in room 253A

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Funds & contributions welcome:



Thank you for your attention ! ... Questions... ?