

Global Portfolio



One Pipeline. It defines our future.

Risk-adjustment of Pipeline Value – Overview

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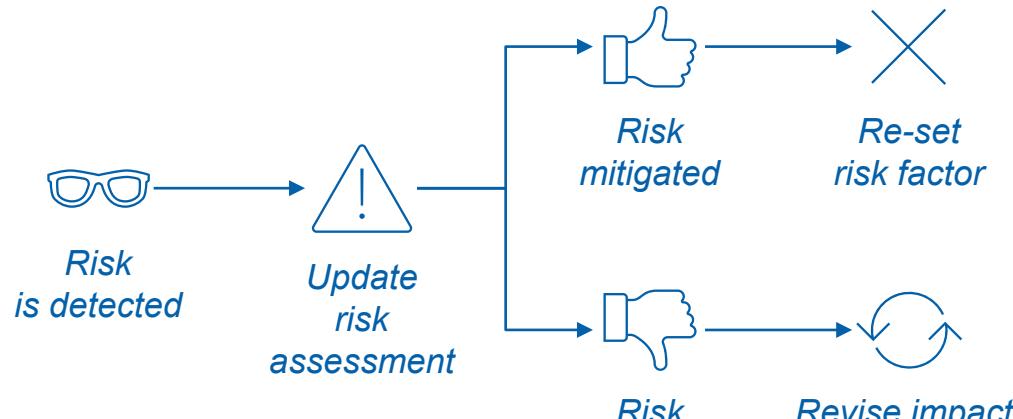
July 2022

SANDOZ A Novartis
Division

Risk assessment of projects is essential for Pipeline Transparency and a continuous exercise

Risk assessment and (financial) quantification of impact is essential for effective Portfolio and Launch Management. It enables

- Transparency on risks embedded in Pipeline
- Initiation of mitigation actions and appropriate allocation of resources
- Differentiated view for prioritization
- Realistic financial outlook



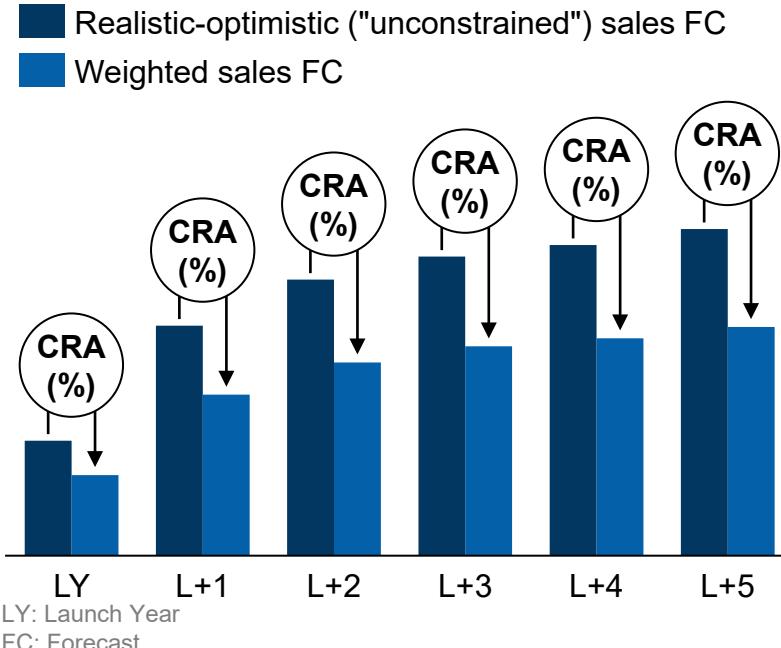
Risk assessment is not static, but a “moving target”. It needs to be applied as soon as **risks become known**. Once the risk is **mitigated** or **confirmed**, the new situation has to get **reflected in Pipeline Transparency**

1 Timing of FC update depends on severity of risk impact (escalation criteria)

2 Business User Only | Risk-adjustment of Pipeline Value – Overview

Weighted (probabilized) PV results from multiplication of full FC with Commercial Risk Adjustment (CRA) factor

Wording
under review



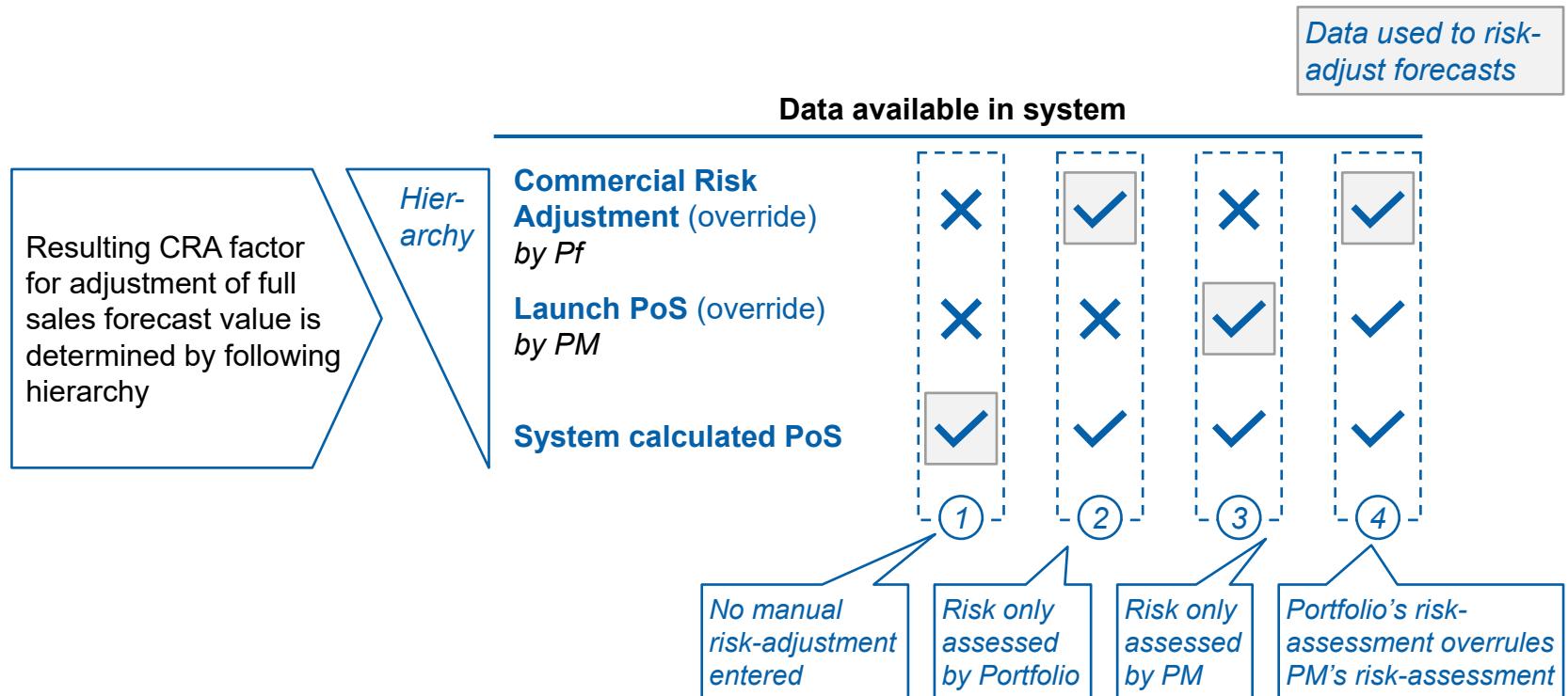
Key aspects

- The **overall risk** of a project usually results from various risks (e.g., IP, Regulatory, ...), but should be combined into **one CRA factor**
- The **CRA factor** is applied to realistic-optimistic ("unconstrained") sales FC across years
- It is derived from holistic **risk-assessment by Portfolio**
- In case Portfolio assessment is missing, **CRA factor** is derived from **PoS** (Probability of Success), maintained by IPM, or system calculated risk-factor

Data entry directly linked to forecasting in SANITY will increase coverage

IPM only maintains key countries, offline translation to others countries available

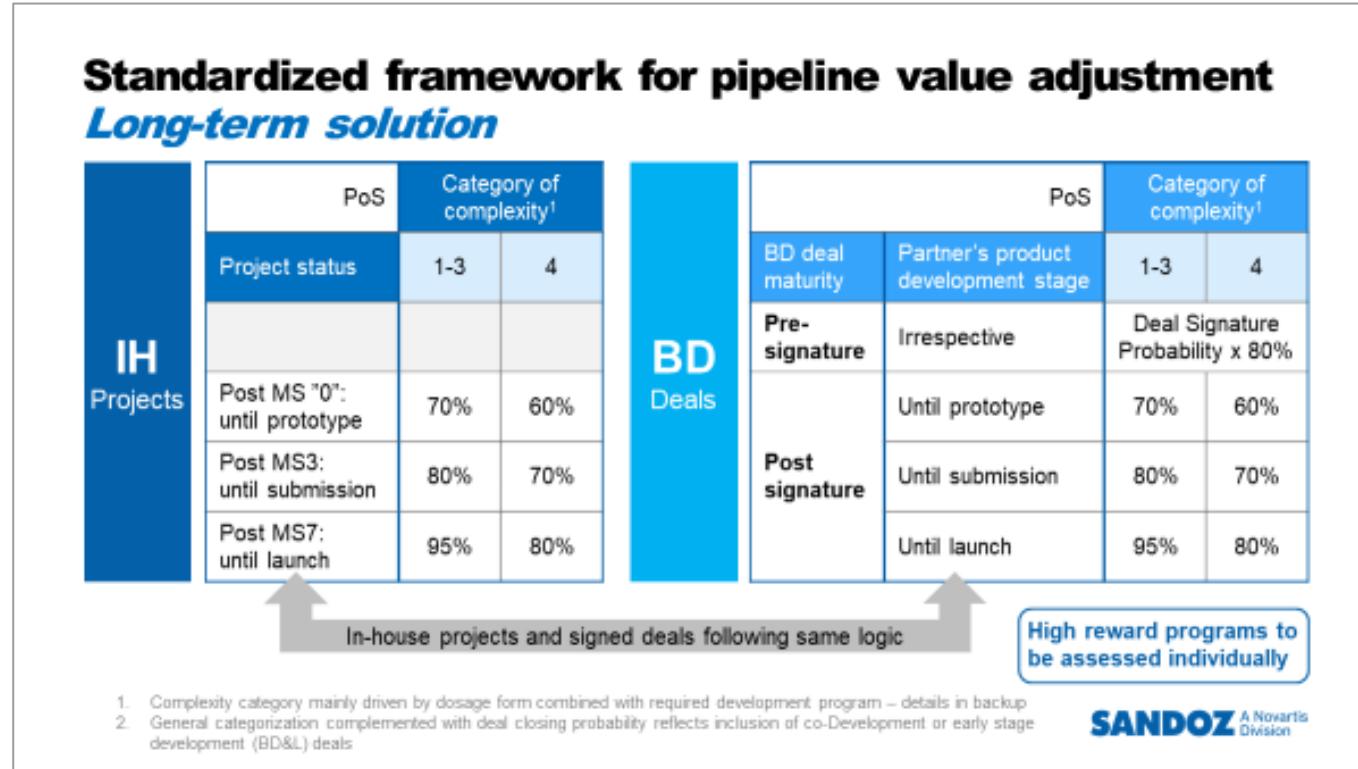
Hierarchy to determine CRA ensures risk-adjustment of every forecast and creates synergies



BACKUP

System calculated PoS is determined by complexity and project maturity

Endorsed in Govern SteerCo on Nov 30, 2020



PoS Reporting: General

- All PoS assessments should lead to one project level/scope level PoS depending on project stage.
- The PoS is defined as the “*level of certainty about the launch of project on time (i.e. previously approved), in full, within budget (or CAR value) and to specification*”
- The PoS assessment outcome should lead to one of the three traffic lights.



>75% Po

Traffic lights will get automated by linking to PoS (%)

Note: Exact % will be needed for risk-based BC calculations

Debate (currently we have different % ranges in different reports)
e.g. 4 lights for SDC projects,
35-80% for USLM...

- Overall PoS is owned by the responsible functions based on the stage of the project while the PoS is derived by working with the functions involved.
- The underlying methodologies are flexible according to the needs of owning functions and the projects. Common guidelines and methodologies are available for reference and as toolkits.

PoS Reporting: Example

Project name (specify scope if applicable)	Overall PoS traffic light	Overall PoS %	Leading reason for the yellow & red traffic lights	Mitigation plan
xxxx		55%	<p>Indicate the key functional risk leading to the overall traffic light</p> <p>Indicate the likelihood of the risk(s) to materialize (e.g. high, low, medium)</p> <p>Document the data supporting the PoS</p>	<p>Specify if mitigation plan is available – yes/no.</p> <p>If yes, specify the actions to be taken (with cost, timeline impact)</p> <p>Specify the ownership for actions and timelines</p>