

# ADL ON PORTFOLIO MANAGEMENT

Discussion slides for ISO Meeting ISO 56000  
Innovation Management for SME

23 MAY 2024

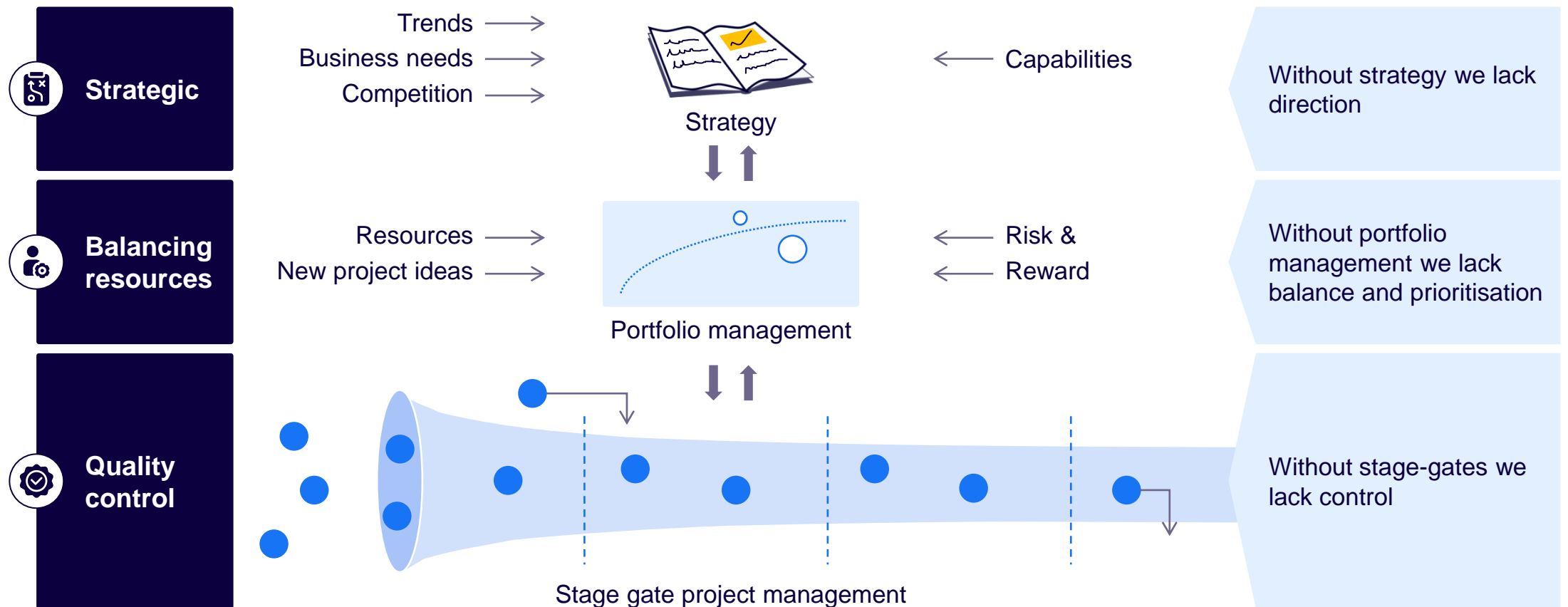
**ARTHUR  LITTLE**



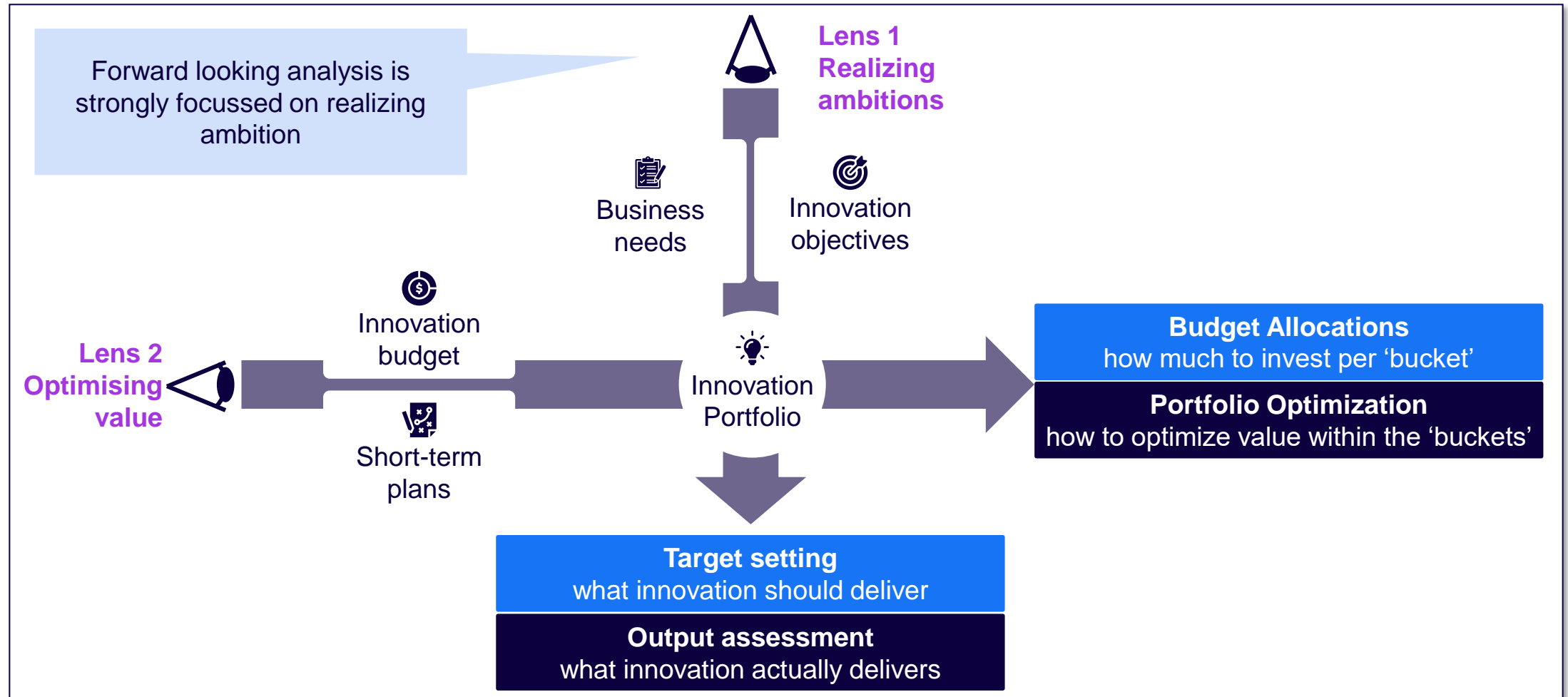
# We view R&D portfolio management as the process that links strategy with activity by selecting options to develop and projects to support

## The role of R&D Portfolio Management

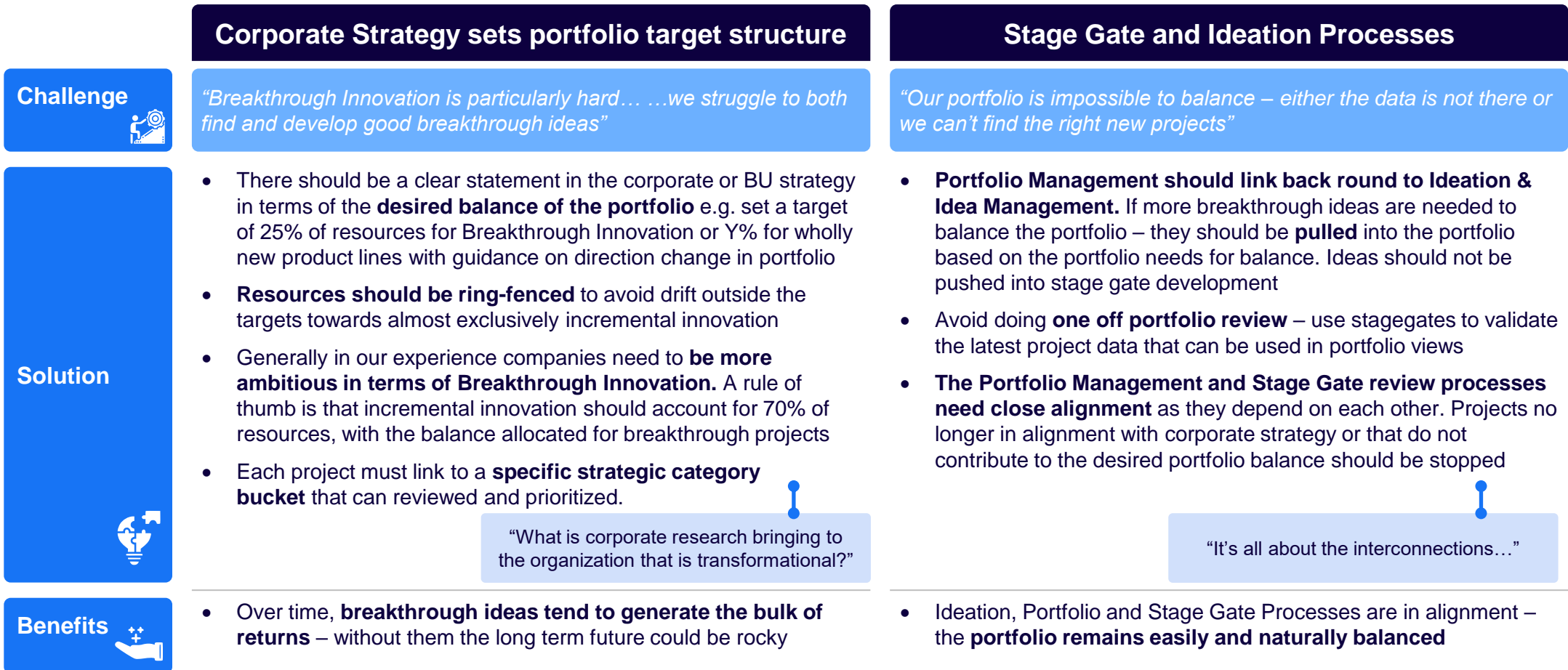
● Individual project



# R&D Portfolio optimization needs to cover two dimensions: realizing ambitions and optimizing value. In this document we are focused on realizing ambitions



# Corporate strategy must provide clear guidance on portfolio balance for different types of innovation. New projects should be selected to balance the portfolio over time



# Leading companies have learned to avoid “bubblefests” and focus on criteria linked to explicit targets. Portfolio reviews should be focussed on actions not reporting.

|           | Avoid Paralysis by Analysis  | Make Portfolio Decisions  |
|-----------|--|---|
| Challenge | <p><i>“Portfolio Management takes too much effort – reporting takes too much time and I can’t digest the lengthy reports!”</i></p>   | <p><i>“We spend hours talking but nothing changes – some projects have been in the doldrums for years”</i></p>  |
| Solution  | <ul style="list-style-type: none"> <li>• <b>Make conscious decisions about reporting.</b> Always ask ‘to whom?’ and ‘for what purpose?’. Many organizations find a regular semi-annual process for senior review is the right frequency.               <p>“We need to avoid endless 2D graphical bubblefests...”</p> </li> <li>• Restrict constraints to those within the corporate strategy <b>and avoid overly constraining the portfolio</b> with targets that are not orthogonal (e.g. time horizon and incremental vs. breakthrough)</li> <li>• Consider a central analyst team for project valuation to ensure decisions are taken on a common basis and minimize distraction to project leaders. Use IT tools – but ensure they help not hinder               <p>“Project valuation can take a lot of effort”</p> </li> </ul> | <ul style="list-style-type: none"> <li>• Portfolios are not primarily reporting tools but instead they are <b>decision making tools</b>. Review is not sufficient – action is needed. There must be a committee empowered to <b>make go, no-go or accelerate decisions</b> on the portfolio to shape it to meet the targets in the corporate strategy</li> <li>• Regular action is needed to <b>clean up the portfolio</b> and remove legacy, failing projects – too often the failing figurehead projects of yesterday are left as orphans.               <p>“Always ask “Why should this remain?” and not “Why should this be removed?”</p> </li> <li>• <b>Check for flow through the portfolio</b> – long term projects should be moving closer to reality. A stagnant portfolio is a failing portfolio</li> </ul> |
| Benefits  | <ul style="list-style-type: none"> <li>• Let <b>decision makers &amp; project leaders focus</b> on their ‘day job’</li> </ul>  | <ul style="list-style-type: none"> <li>• <b>Better aligned portfolio</b> with unwanted projects removed to deliver innovation in line with corporate strategy</li> </ul>  |

# The portfolio review is not just about existing activities – it should also be an opportunity to “pull in” new projects to move the portfolio to its intended structure

## The link to Ideation and Stage Gate processes

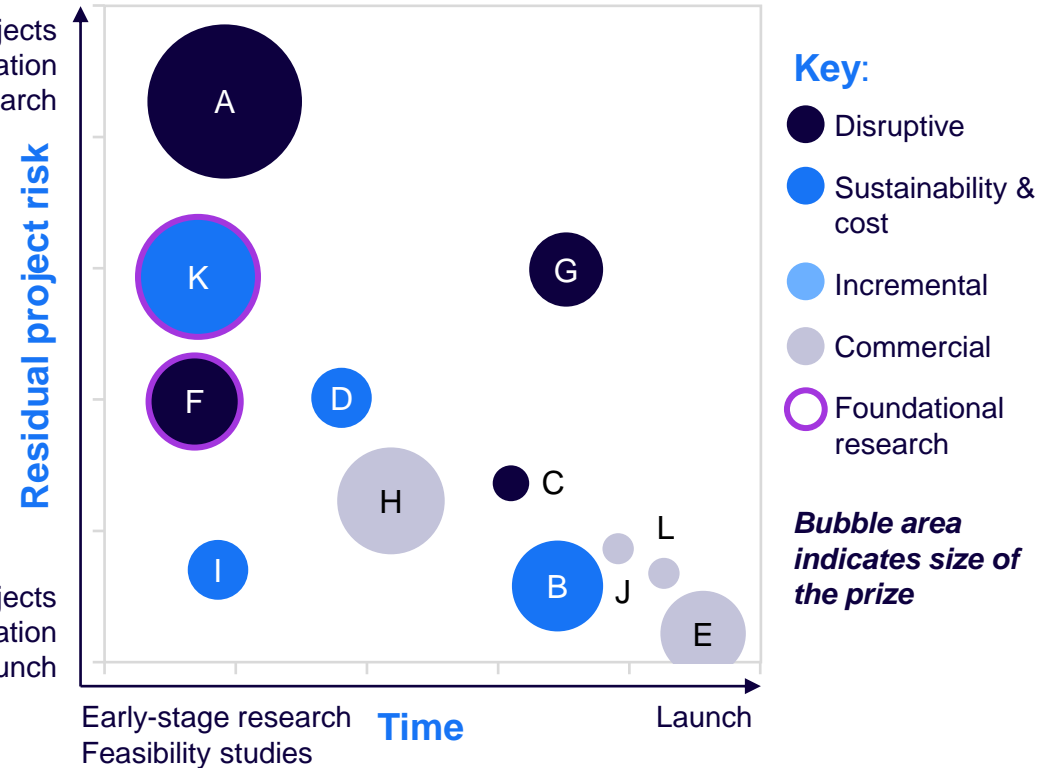
R&D BEST PRACTICE STUDY EXTRACT

### Potential opportunity list

| Portfolio “cut”                    | Idea |
|------------------------------------|------|
| Disruptive Innovation              |      |
|                                    |      |
|                                    |      |
| Sustainability and cost innovation |      |
|                                    |      |
|                                    |      |
| Incremental innovation             |      |
|                                    |      |
|                                    |      |
| Commercial innovation              |      |
|                                    |      |
|                                    |      |

High risk projects  
Disruptive innovation  
Early-stage research

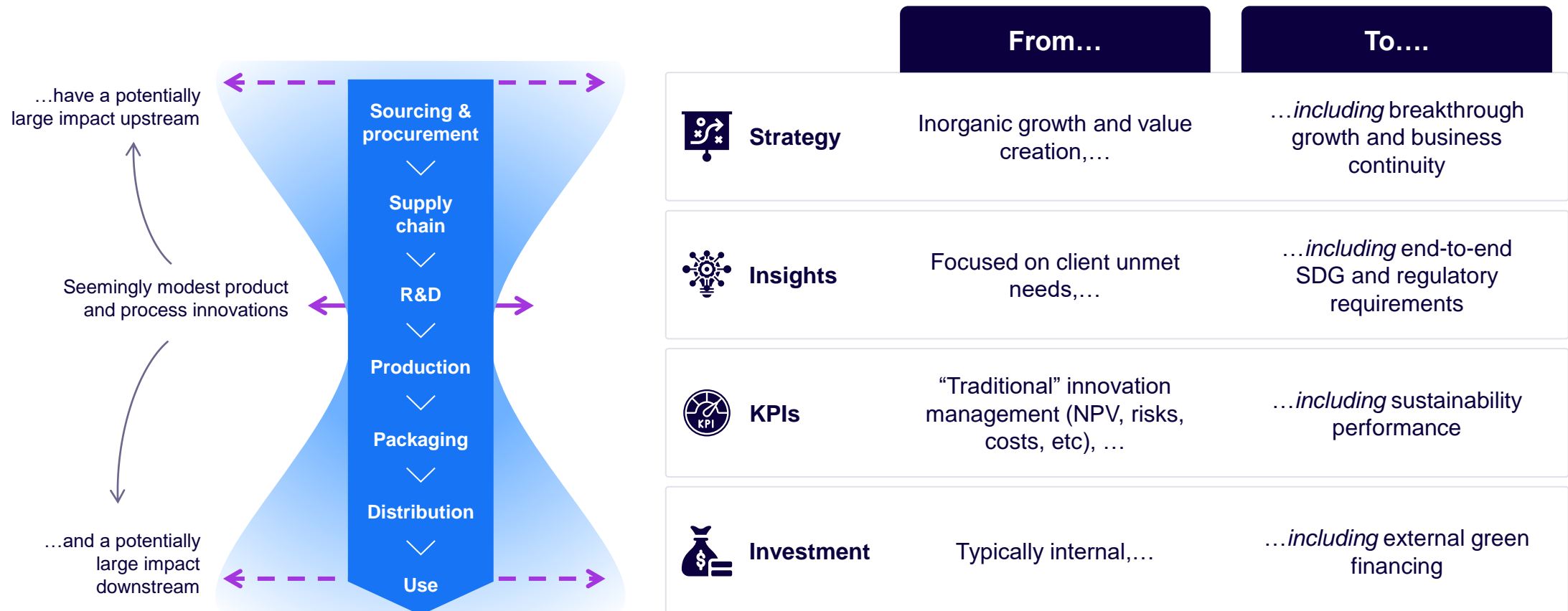
Low risk projects  
Incremental innovation  
Projects approaching launch



# Changing the R&D portfolio and the products can have a strong impact upstream and downstream – getting it wrong can have large and often hidden consequences

EXAMPLES

## How to deal with the sustainable innovation “bullwhip effect”



## There are four pillars to developing a solid portfolio forward look

### Funnel/stage-gate management

We need project level data on performance and whether projects are on-track and whether they are overcoming technical challenges.

The funnel data should be based on stagegate reviews (i.e. validated / QA project-level data).

We possibly need to understand the resources that are available or that can be freed up.

### Portfolio management

We need a clear view on “what good looks like” in terms of intended / target portfolio structure

We need a governance review process that allows us to do retrospective (for lessons learned) and forward look analysis (to allow us to “pull” new ideas into portfolio)

### Innovation roadmapping

We need a bottom-up project-level view on probability adjusted time to market, sales impact and key roadmap for delivery for ongoing projects and how that will likely evolve over time

We also need to know what new ideas/projects could contribute to the portfolio and what these projects could look like over the next checkpoints.

### Persona-based innovation dashboards

We need code and good user interfaces to allow portfolio reviewers to explore options and “fast forward” the portfolio to see how it will mature with current projects

And either launch or define characteristics of the projects that need to be launched to make sure the portfolio delivers and meets its target state.



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**THE DIFFERENCE**