



SOLVAY

asking more from chemistry®

Developing a model of sustainable chemistry

Michel Washer, Deputy Chief Sustainability Officer

NEXT GEN meeting March 21, 2015

Our sustainable vision

Global issues

Climate change, increasing global population, scarcity of raw materials, geopolitical environment changes, development gaps, biodiversity

Rising expectations

Legal and regulatory framework, public opinion

Business opportunities

Chemistry is a major source of solutions

SOLVAY way

- Sustainable Development policy and 2020 targets
- Annual Solvay Way self assessment
- Portfolio management tools
- Link to variable compensation of ExCo and managers (~7,500 people)
- IndustriAll global agreement on responsibility

Our sustainable actions

1
Achieving excellence in
**safety, health and
occupational hygiene** for
everyone on our sites

2
Realizing an increasing
share of our **sales** avec
With solutions that meet
the requirements of
sustainable development

3
Continuously improving
the performance of our
**technologies, processes
and products** throughout
their lifecycles

4
Reducing **greenhouse gas
emissions, energy and
water consumption, and
the use of resources**

5
Developing a **wide-
ranging and balanced
social dialogue** with
employee representatives

SOLVAY *way*
doing business, being responsible

Our sustainability targets



Energy & climate*

10%

reduction in greenhouse gas emissions and primary energy consumption

10%



Water*

10%

reduction in the withdrawal of groundwater and drinking water

Implementing Sustainable Water Management at

100%

of our sites under water stress



Emissions & effluents*

25%

reduction in air emissions of substances with acidification potential

10%

reduction in air emissions of substances with a photochemical oxidant formation

20%

reduction in water emissions with eutrophication potential



People safety

Reaching a number of a work accident with medical treatment per million hours lower than

1.0



Process safety

Having

100%

of our production sites with risk analysis updated in the last five years



Sustainable Portfolio Management (SPM)

20%

of our turnover in the "Star" category according to the SPM assessment

100%

of our R&I projects in the "Star" or "Aligned" category according to the SPM assessment



Learning & development

Ensuring

1

week of training per employee and per year

Training

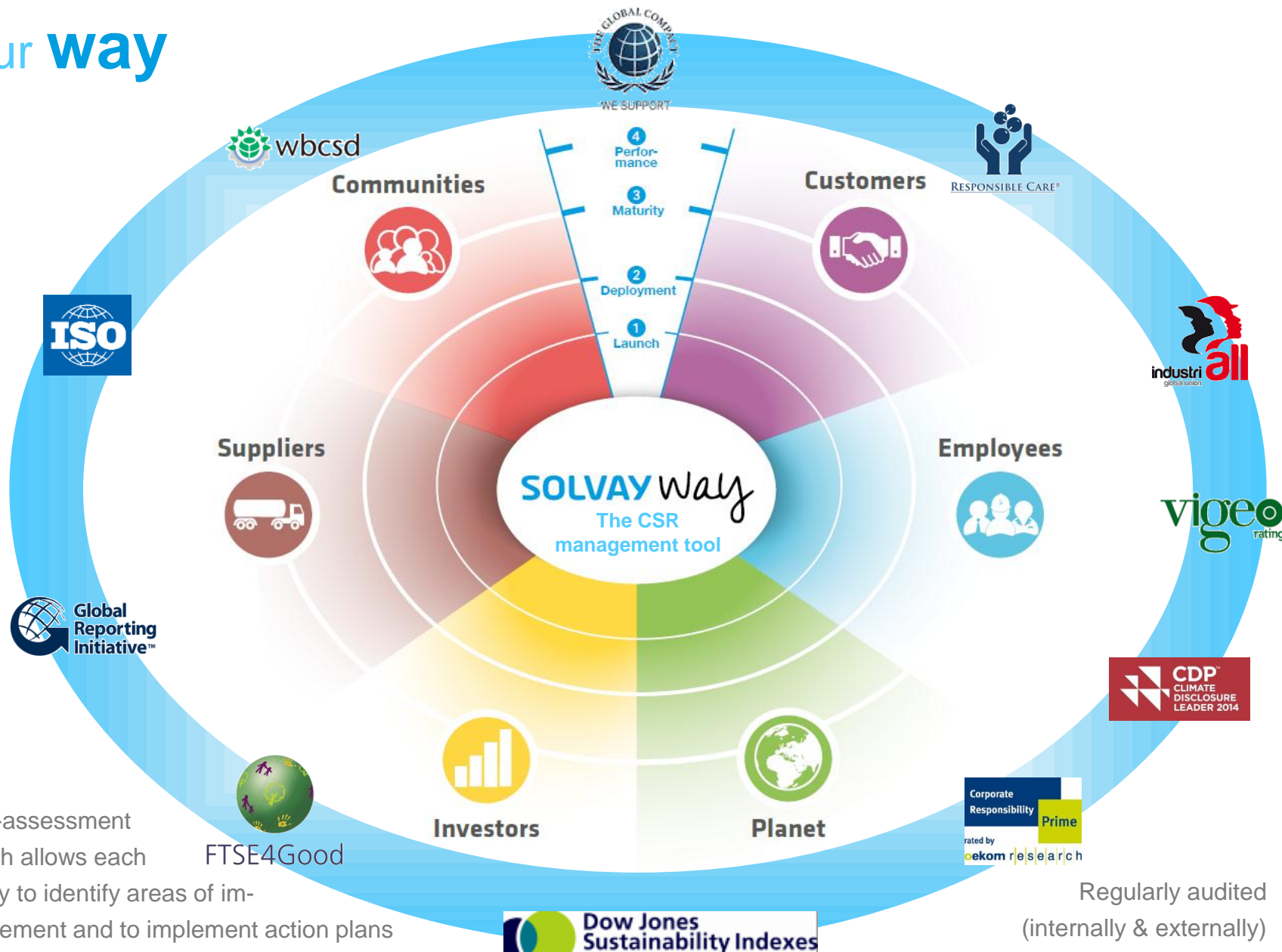
100%

of our employees to the Solvay Way reference framework

* Base 2012, at constant activity perimeter.

At constant activity perimeter means that the absolute performance is corrected for changes in production volumes and for sites entering or leaving the Group perimeter.

Our way



Self-assessment which allows each entity to identify areas of improvement and to implement action plans

Regularly audited (internally & externally)

Our 22 commitments toward our stakeholders



Customers

- Integrating our CSR commitments into our customer relationships
- Controlling product-related risks
- CSR-integrating innovation & investment
- Analyzing and developing our markets, while integrating CSR



Employees

- Ensuring employees health and safety
- Respecting employees' fundamental human rights and guaranteeing their social rights
- Ensuring quality social dialogue
- Developing employability
- Motivating employees



Planet

- Promoting environmental management
- Preserving natural resources
- Limiting environmental impact, preserving biodiversity
- Exercising responsible influence



Investors

- Creating value responsibly
- Ensuring risk management
- Ensuring dissemination of and compliance with good management and governance practices



Suppliers

- Defining prerequisites and integrating them into the supplier selection process
- Evaluating buyers' CSR performance.
- Managing and assessing suppliers' CSR performance , optimizing relationships



Communities

- Ensuring the integration of entities within their territories
- Controlling industrial risks related to entities' presence in their territories
- Controlling supply chain risks and preventing accidents

A global CSR agreement

Global Corporate Social Responsibility agreement between



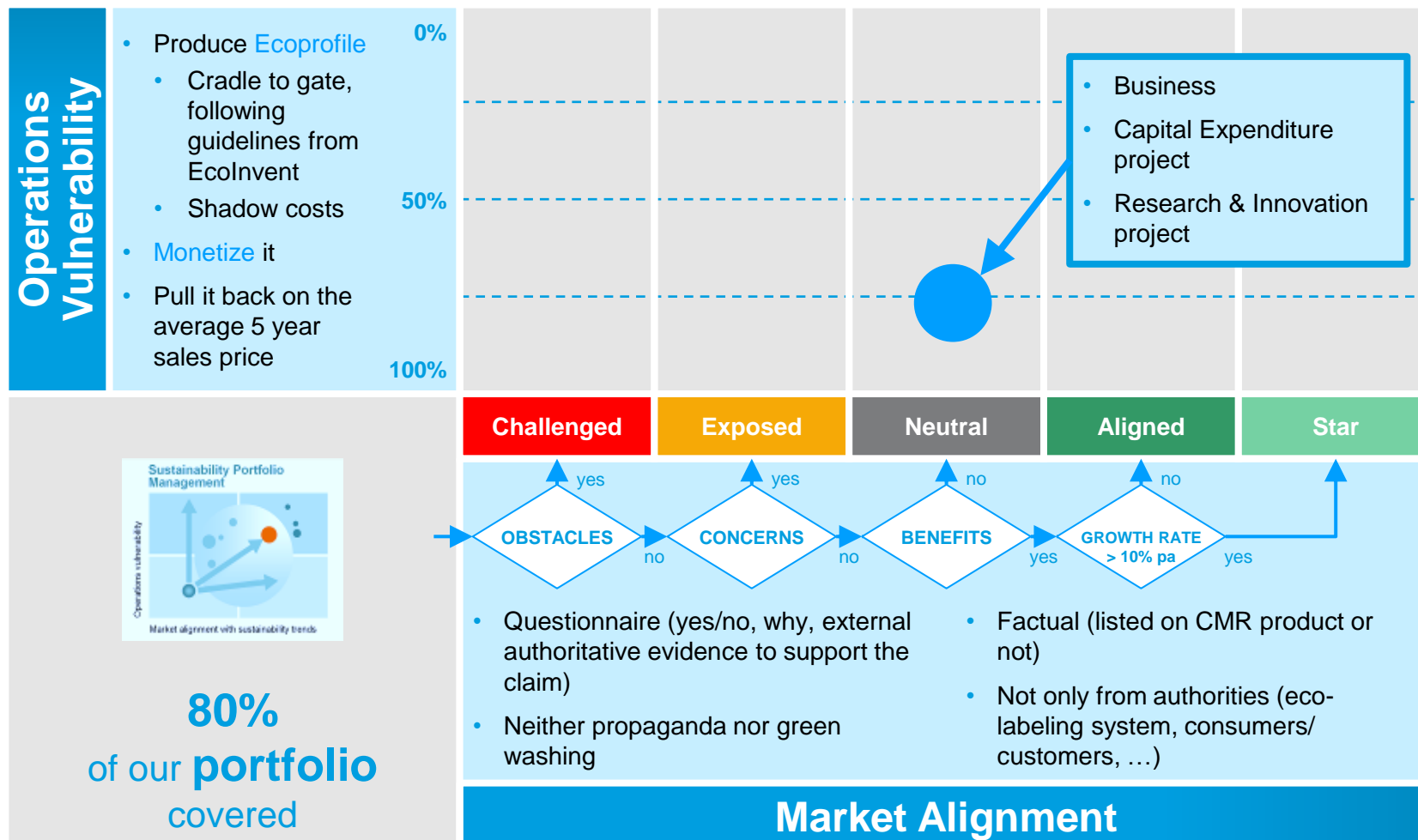
IndustriALL is a global union representing 50 million workers in 140 countries in the mining, energy and manufacturing sectors



Signed December 17, 2013, by Jyrki Raina (General Secretary of IndustriALL) and Jean-Pierre Clamadieu (CEO of Solvay)

- Our agreement with IndustriALL is
 - the expression of the Group's willingness to respect fundamental social rights around the world and
 - the Group's standards for rich and balanced social dialogue
- Main chapters
 - ILO (International Labor Organization) conventions
 - UN Global Compact
 - Commitments specific to Solvay on Safety, Environment, and Social Dialogue
 - Global Safety Panel
- Annual reviews are organized to monitor the correct application of this agreement, based on indicators

Our unmatched Sustainable Portfolio Management



Examples of product - application combinations



Walking the sustainable talk

10% of the annual variable bonus of 7,500 managers (including senior management) relates to CSR criteria

2014 sustainability objectives

per GBU, Function and Corporate

Deployment of the Solvay Way
Progress on 2 practices addressing
2 different stakeholders



Accomplished in full Group

Entering into at least 2 sustainability indices



Accomplished in full Group

Fatal accident leads to 0 score overall
for GBU



2 GBUs obtained 0 score



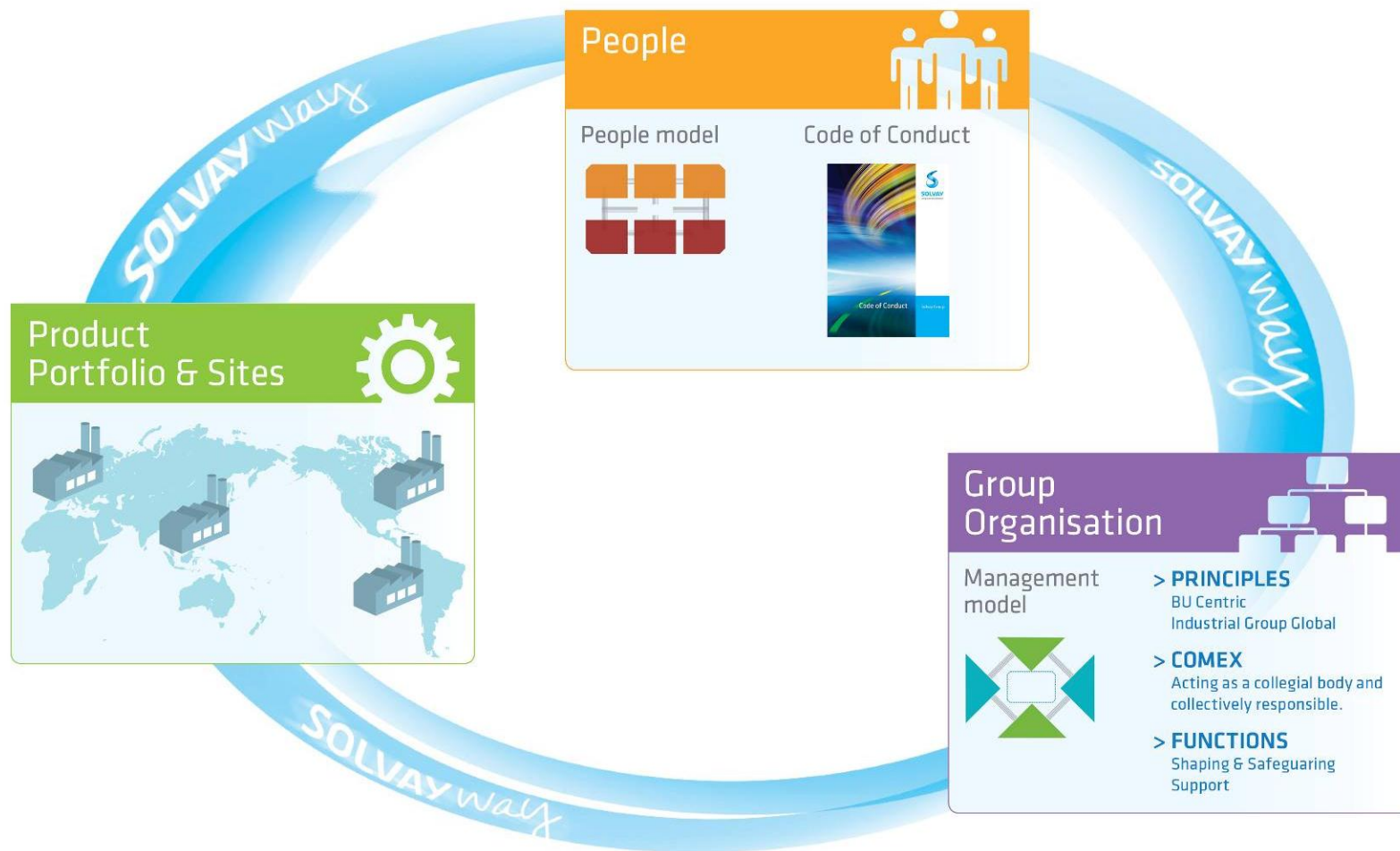
FTSE4Good



Benelux



Inventing a new model of sustainable chemistry

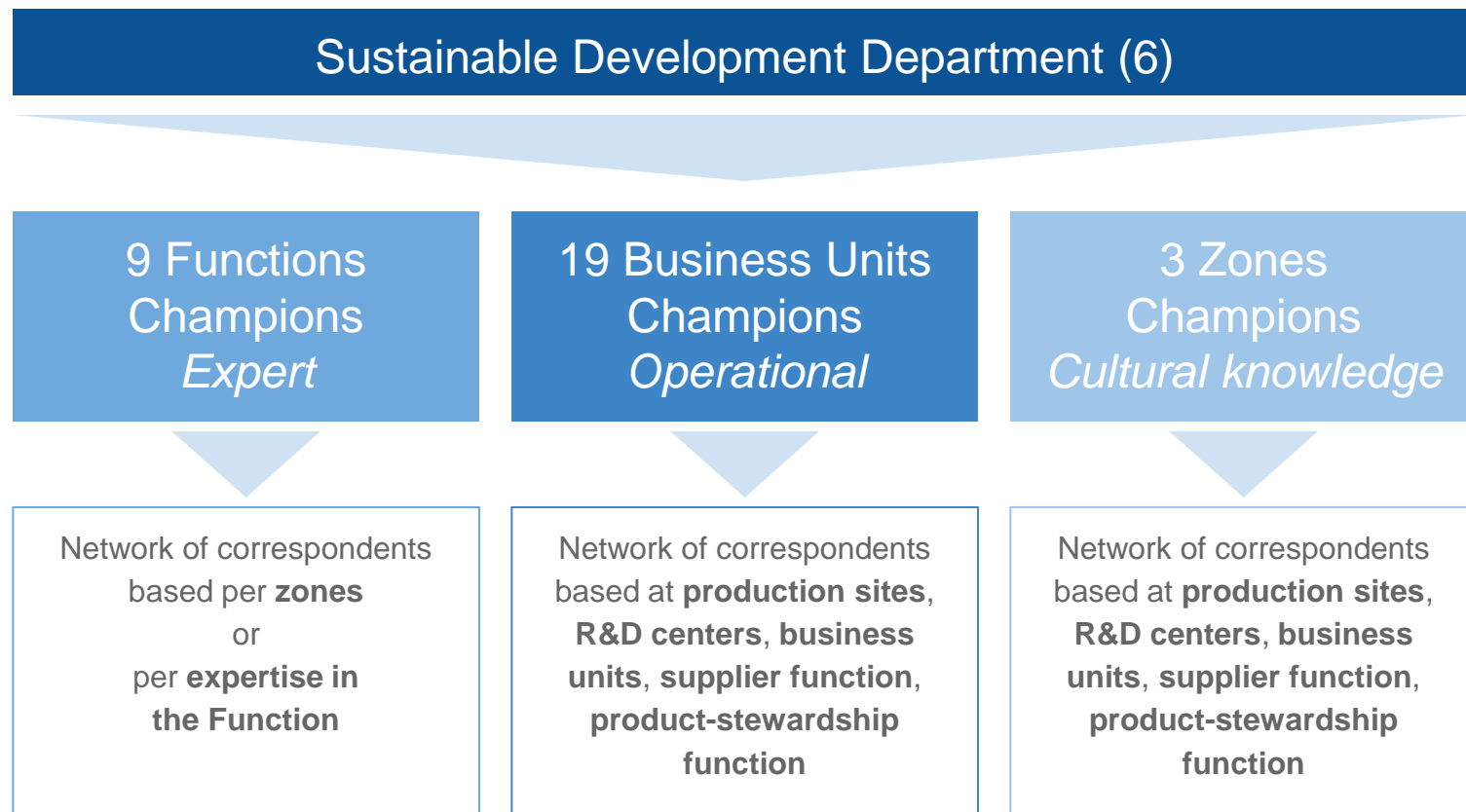




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Annexes



Sustainable Portfolio Management

Market alignment categories

Star	PAC for which there is a positive signal, in line with sustainability trends in the marketplace, with anticipated double-digit growth
Aligned	PAC for which there is a positive signal resulting from sustainability trends in the marketplace
Neutral	PAC for which there are neither positive nor negative signals resulting from sustainability trends in the marketplace
Exposed	PAC for which there is a weak negative signal resulting from sustainability trends in the marketplace
Obstructed	PAC for which there are strong negative signals resulting from sustainability trends in the marketplace

PAC: Product-Application Combination