

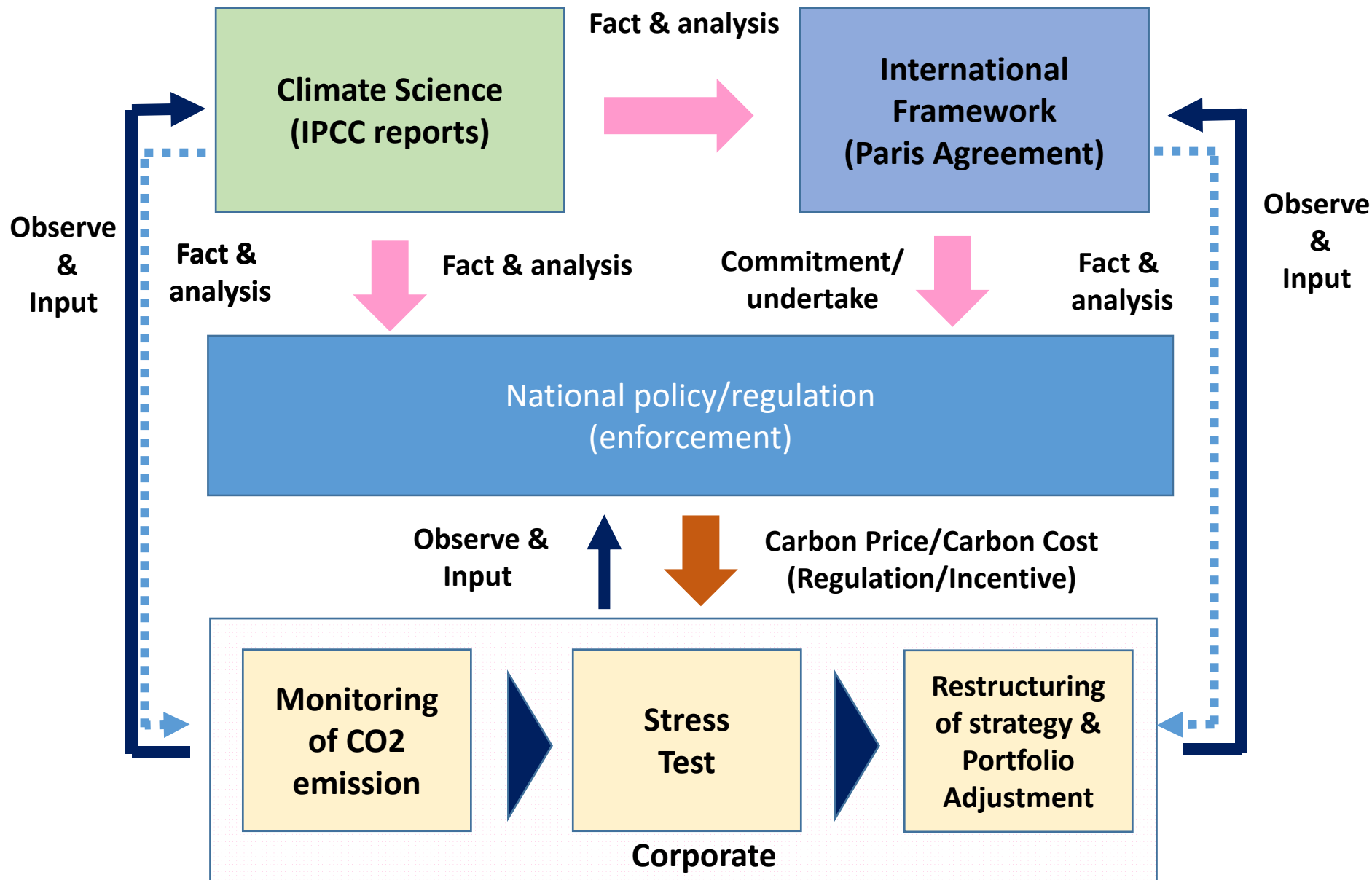
IPCC Symposium
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Role of IPCC Report for Business and Business's Expectation

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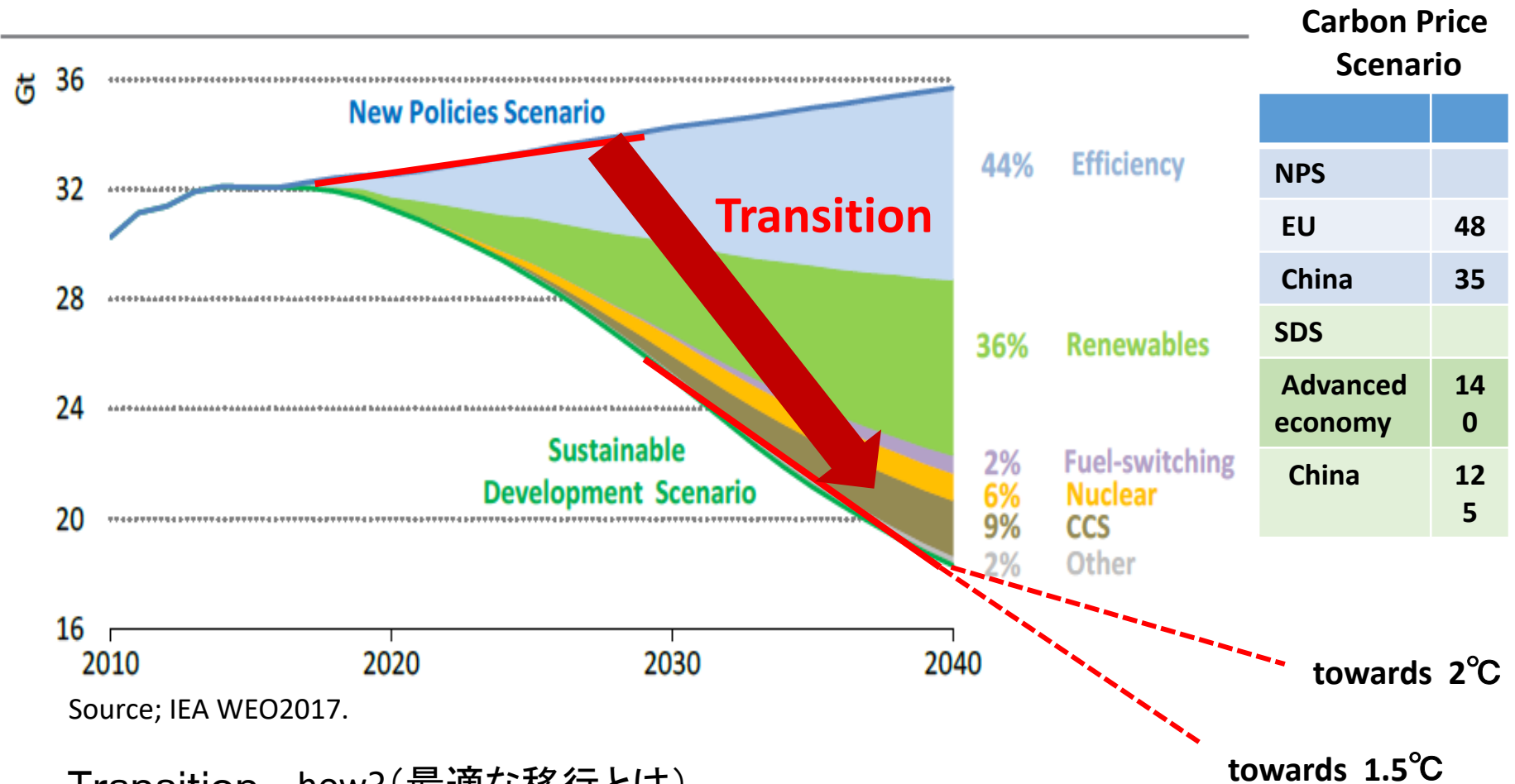
Corporate Strategy and Climate Science

(企業戦略と気候変動科学)



Corporate Strategy – transition to Low Carbon Scenario

(企業戦略 - 低炭素シナリオへの移行)



Source; IEA WEO2017.

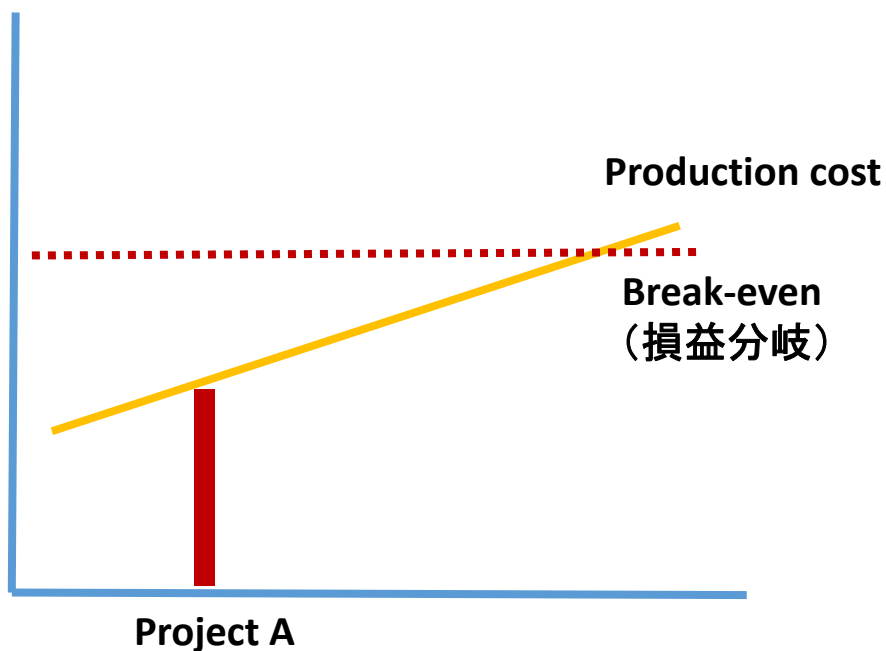
Transition – how? (最適な移行とは)

- ✓ Time horizon (時間軸)
- ✓ Difference of carbon regulation by country (国による規制の違い)
- ✓ Difference of technology option (技術オプションの違い)

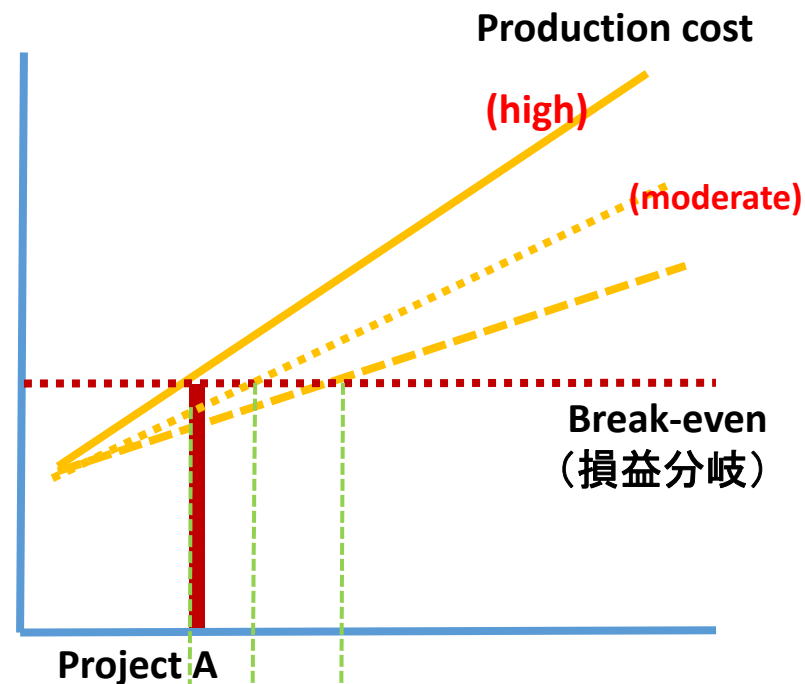
Change of market condition - Fossil fuel

(市場環境変化 - 化石燃料事業の場合)

< Cost curve without carbon cost >



< Cost curve with carbon cost >



Break-even point for project shifts depending on carbon price/cost

⇒ Long term Carbon Price Scenario of project country is crucial for investment decision making

事業の損益分岐点はCO2規制によって変わる。CO2規制は次第に強化されることから将来シナリオが意思決定に際し重要。

Shift of break-even point
By carbon regulation

Expectation for IPCC report (IPCC報告に期待するもの)

- **Scenario Analysis (シナリオ分析)**
 - **Scientific and objective scenario (科学的、客観的分析)**
 - **Commentary of assumption (前提についての解説)**
- **Technology innovation (技術イノベーション)**
 - **“Available Technology” and “Disruptive Technology” (現在利用可能な技術と破壊的な技術)**
 - **Pros & Cons/bottle neck of possible technology (技術の得て不得手、ボトルネック)**
 - **Comprehensive analysis and approach (包括的な分析、アプローチ)**
- **Policy option (政策オプション)**
 - **Varieties of option with pros & cons (多様なオプションと得て不得手)**
 - **Subsidies and/or Market (補助金と市場活用)**