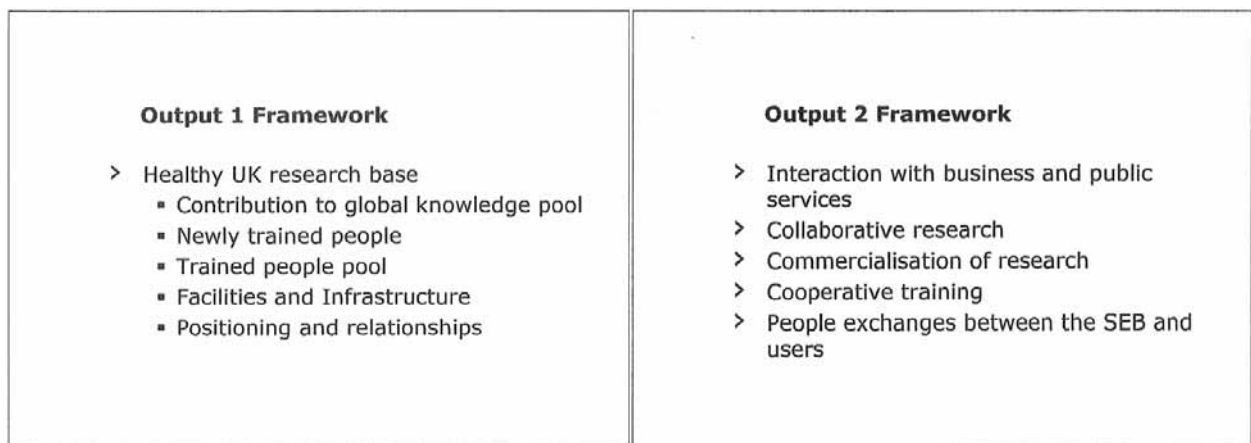
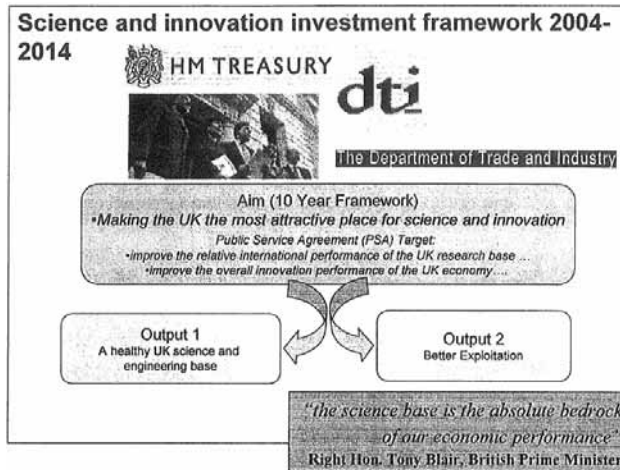


イギリス

“Support for R&D in the UK Country Update” Sue Smart (EPSRC)

- ・ 2004 年から 2014 年までの科学・イノベーション投資の 10 年間フレームワークを策定している。そのフレームワークの目的は、イギリスを科学とイノベーションにとって最も魅力的な場所にあることである。



- ・ 更なる発展； 次の段階 へ
 - > イノベーションにおける科学のインパクトの最大化
 - 研究におけるリスクを厭わないこと
 - 学際的な研究の支援
 - 産学協同の奨励
 - > Research Councils の有効性の向上



日本

- ・内閣府が準備した「国の研究開発評価に関する大綱的指針」、及び「第3期科学技術基本計画」の資料を配付した。

“Strategic Planning & Evaluation @ METI” 中村 修(経済産業省 産業技術総括調査官)

- ・経済産業省で新しく出された政策評価基本計画のポイント、政策・プログラムの体系化、及び技術戦略マップを活用した戦略的なプランニング・評価について、事前評価例で説明した。

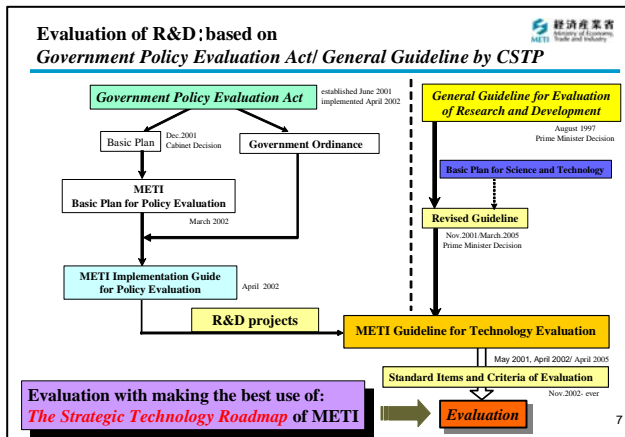
New Basic Plan for Policy Evaluation at METI

Points:
 Period: 2006-2010
 Fundamental policy of evaluation:
 - *Planning of policies with high quality, Transparency of policy management*
 - *Fundamental unit for evaluation: programs*
 - *Setting of goals based on outcomes*
 - *Indicator as to monitor the performance*
 Points of evaluation: *necessity, efficiency, effectiveness, priority*
 Monitoring: *effects of policies*
 Ex-ante evaluation:
 - *clear explanation of programs;*
 - *objective, necessity, outcome, indicator to measure the achievement, and predicted effects & cost*
 Interim- and Ex-post evaluation: *performance assessment*
 Reflection of evaluation: *revised planning of policies, re-allocation of budget*
 Public announcement: *METI homepage etc.*
 Evaluation system: *database, development of highly effective evaluation methods, increase of human resources for evaluation*

Reorganization of policy and program system

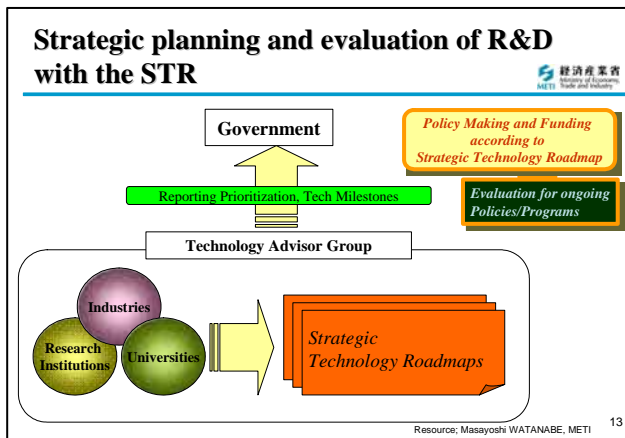
Mission: *Securing sustainable economic growth and stable growth of international economy, through enhancement of Japanese competitiveness, creation of new market, and improvement of socioeconomic infrastructure.*
 26 policies/107 programs 6 policies/34 programs

Publics	Programs	
Economic and Industrial Policy	01 Human Resource Investment	
	02 Promotion of University Education & Improvement of Economic Infrastructure	
	03 Enhancement of Competitiveness of International Trade	
	04 Development of Optimum Environment for Industrial Standards & Intellectual Infrastructure	
	05 Enhancement of Research and Development of Technology	
	06 Promotion of Practical Use of Intellectual Technology	
	07 Promotion of Intellectual Property Management and Creation	
	08 Promotion of Innovation Strategy in Market	
	09 Promotion of Corporate Administration of Research and Development	
	10 Promotion of Business System for Small and Medium-sized Enterprises	
Foreign Economic Policy	11 Trade Policy	
	12 Promotion of Foreign Investment	
	13 Promotion of Economic Cooperation	
	14 Trade Policy	
	Policy for Manufacturing Industries, Information & Communications, and Services	15 Promotion of Manufacturing Industry
		16 Enhancement of Information & Communications Industry
		17 Enhancement of Service Industry
		18 Enhancement of Service Industry for Small and Medium-sized Enterprises
		19 Promotion of Innovation and Research
		20 Promotion of Innovation and Research for Small and Medium-sized Enterprises
Policy for Small and Medium-sized Enterprises & Regional Economy and Industry		21 Promotion of Innovation and Research
		22 Promotion of Innovation and Research for Small and Medium-sized Enterprises
		23 Promotion of Innovation and Research for Small and Medium-sized Enterprises
		24 Promotion of Innovation and Research for Small and Medium-sized Enterprises
	25 Promotion of Innovation and Research for Small and Medium-sized Enterprises	
	26 Promotion of Innovation and Research for Small and Medium-sized Enterprises	
	Energy & Environmental Policy	27 Promotion of Energy and Environment
		28 Promotion of Energy and Environment
		29 Promotion of Energy and Environment
		30 Promotion of Energy and Environment
31 Promotion of Energy and Environment		
32 Promotion of Energy and Environment		
Nuclear and Industrial Safety Policy		33 Promotion of Nuclear Safety
		34 Promotion of Nuclear Safety
		35 Promotion of Nuclear Safety
		36 Promotion of Nuclear Safety
	37 Promotion of Nuclear Safety	
	38 Promotion of Nuclear Safety	
	39 Promotion of Nuclear Safety	
	40 Promotion of Nuclear Safety	
	41 Promotion of Nuclear Safety	
	42 Promotion of Nuclear Safety	



METI has published the Strategic Technology Roadmap.

The diagram shows the process of developing and using the Strategic Technology Roadmap. It starts with **Scenario for Dissemination**, leading to **Technology Overview** and then the **Roadmap**. The roadmap is used for **Evaluation**. Key features include:
 - Includes **relevant policies** that should be dealt with in order to provide the public with findings of R&D as products and services.
 - Describes **technological challenges, elemental technologies, and desired functions** in order to satisfy predicted market and social needs.
 - **Prioritizes critical technologies**.
 - **Displays improvement and progress of elemental technologies** generated by R&D, and enhancement of desired functions **on a time axis as milestones**.



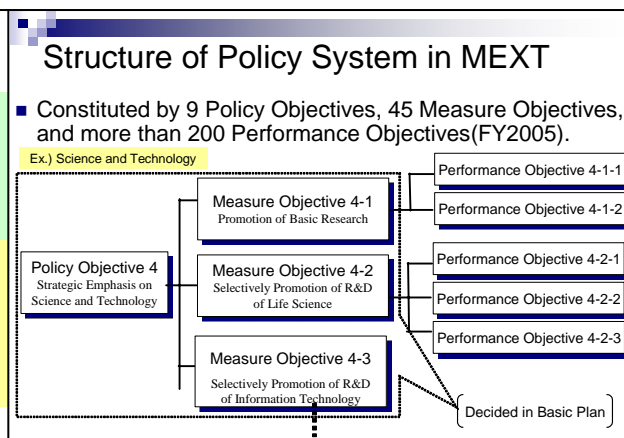
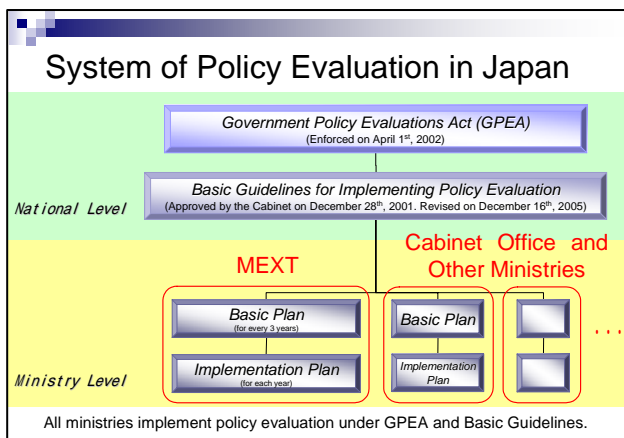
- ・独立行政法人新エネルギー・産業技術総合開発機構 (NEDO) がまとめたNEDOの追跡評価に関する資料を配付した。

“Follow-up Monitoring and Evaluation of National R&D in NEDO (FY2004&FY2005)”

“Policy Evaluation in MEXT, Japan Focus on Ex-post Evaluation -”

後藤 裕 (文部科学省 評価推進室長)

- 文部科学省では事後評価（実績評価）について、政策評価の法的体系や政策・施策・事業の構成、評価様式の具体的な改善経緯等を説明した。



Past Improvements of Ex-post Evaluation

- Improve ex-post evaluation report's form based on advice from the Council of advisers for Policy Evaluation

- Criterion for Performance measurement of Performance Objectives**
 - FY2002: No fields of Performance measurement
 - FY2003: Add a field of Performance measurement
 - FY2005: Clearly specify the Criterion for Performance measurement
- Enhance indicators and data to grasp measure result quantitatively**
- Hearings by the Office for Policy Evaluation (from FY2005)**
 - The Office for Policy Evaluation conducts hearings with the Departments of each Policy, checks their evaluation reports, and points out improvements along the followings.
 - Setting objectives in accordance with Policy System
 - Reflection of advice from the Council of advisers for Policy Evaluation
 - Setting appropriate indicators
- Add a field of comments from the Office for Policy Evaluation (from FY2005)**

Form 1 Ex-post Evaluation Report		Indicators				
Policy	Policy Objective 4 Strategic Emphasis on Science and Technology	FY	2003	2004	2005	2005
Measure	Measure Objective 4-1 Promotion of Basic Research	Level of involvement of *** (Classified with Performance Objective 4-1)				
Department of Policy	[Main Department] [Director] [Director]					
Basic Objective and Performance Objective	Performance Objective 4-1 [Criterion for Performance measurement]	2. Enhance indicators and data to grasp measure result quantitatively				
	Performance Objective 4-1-1 [Criterion for Performance measurement]					
	Performance Objective 4-1-2 [Criterion for Performance measurement]					
	Performance Objective 4-2 [Criterion for Performance measurement]	Indicators for Focusing rate of *** (Classified with Performance Objective 4-2)				
	Performance Objective 4-2-1 [Criterion for Performance measurement]					
	Performance Objective 4-2-2 [Criterion for Performance measurement]					
	Performance Objective 4-2-3 [Criterion for Performance measurement]					
Performance measurement of each Performance Objective	Performance Objective 4-1-1 [Implementation term] FY [Performance measurement in FY2005]	Main policy method				
	[Summary in Implementation term]	Policy method [Budget amount in FY2005]				
	Performance Objective 4-1-2 [Implementation term] FY	Outline of Policy method				
	[Performance measurement in FY2005]	Performance in FY2005 (advantage, efficiency, and effectiveness)				
	[Summary in Implementation term]					
Remarks		3. Hearings by the Office for Policy Evaluation (from FY2005)				
Future issues (including addition or modification of performance Objective)		4. Add a field of comments from the Office for Policy Evaluation (from FY2005)				
Policy of feedback of evaluation result into policies after FY2005						

“Strategic Research Evaluation including Outcome Point of View in AIST”

小林直人(独立行政法人産業技術総合研究所 理事)

- 独立行政法人産業技術総合研究所における戦略的研究評価の PDCA サイクルや重要性について説明し、すでに実施しているアウトカムの視点からの研究ユニット評価の報告を行った。

