

Methodological Guidelines for POINT Reviews

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The POINT Guidelines Document

- Not a straightjacket - meant to help
- Meant to cover a broad range of cases/industrial themes
- Not all Q&As will apply equally to all reviews (some may not apply at all, completely different ones necessary)
- Considerable leeway to adapt how you approach each step in view of context and limitations (incl. resources)
- However, specific outcomes / findings within each step must be present in all reviews

Step 1 – Define and delineate the theme

Outcomes/findings of this step:

- A fully-developed rationale for the transition, based in part on Table 1. (2-3 pages)
- A specific list/table of technologies, knowledge domains, industrial sectors, products/services, state actors that are explicitly included (and excluded) in the thematic focus (1-2 pages).
- A proposed headline indicator and an initial timeline for its achievement (if not provided already by the authorities) (1 page).

Step 1 – Define and delineate the theme

- A headline theme is provided as agreed with the authorities
- E.g. Renewable energy system (or a subset, say solar)
- Can be useful to think of an summative indicator and a target (existing commitment or agreed with authorities): e.g. 50% of final energy demand
- Alternative ways to spell out the degree of ambition and a timeline (e.g. a "mission statement")

Step 1 – Questions to be answered

- *a. What is the geographic level of aggregation for this review? (city, metropolitan area, region, nation, some combination thereof)?*
- *b. What are the reasons for the transition? Does it correspond to a window of opportunity in view of global impulses or, contrarily, to the need to act quickly to avoid bleak scenarios? How do these reasons translate into concrete opportunities or threats for the region in question? How do they relate to current strategic positioning?*

Step 1 – Table 1 - Building the case for the transition

Global trends and outside context: new international or EU regulations, social changes, emergent trends, new technological solutions...	Challenges related to the territory's context (specific resources, regulation, capabilities, assets and attitudes)	
	Opportunities (in terms of employment, technological upgrading, environmental sustainability...in relation with territory's strategic objectives	Problems or limitations (education, infrastructures, regulation, specialisation, social trends...)

Step 1

- *c. What is the thematic focus of the review and what should be left out?*
- *What is the range of applications to be considered?*
(To be refined later!)

Table 2 - Example "snapshot*" of thematic definition (what is *in* the system)

Scientific fields	Technologies	Products / Artefacts and/or Services	Market Actors (producers, industry associations, consumer associations, citizens)	State Actors (ministries, agencies, regions, cities or public organisations offering non-traded services)
[Scientific fields using some established classification system that would later on permit mapping areas of strength using <u>bibliometrics</u>]	[e.g. Patent classes to be used later on to query PATSTAT (or similar) to identify areas/actors]	[Use plain language, as many are novel; if possible mention classification under CPA taxonomy ¹] e.g. Batteries, Inverters, Solar Panels, Wind generators, Smart Grid Systems, (100+ kW), EV Charging... Stations,	[e.g. NACE codes of top-10 firms and 2-3 major supply chain actors for each one]	[Lists of policy portfolios covered or indicative actual actors.] E.g. Policy portfolios of energy, urban planning, large infrastructures / or / Ministry of Infrastructure and Public Works; Ministry of Energy, Ministry of Industry and Innovation, Ministry of Education and Skills
		Battery recycling, servicing of electric cars, residential energy	Association for Renewably Energy, ... , ...	University of XXX, Department of YYYY, Public Research

Step 1 – Questions to be answered

- *d. What seems to be the appropriate degree of ambition at the outset, in view of the current degree of legitimation it appears to enjoy (as perhaps reflected in S3 and other strategic/industrial policy documents) and what is the timeframe for the transition?*
- *Can it be summarised in a simple headline target, e.g. as share of employment, share of final energy demand etc.?*

(not necessary to have a target. Note dangers of KPIs)

Step 1 – Questions to be answered

- *e. Does the narrowed-down selection (including what is in/out) and the ambition/timeline reflect the priorities of the relevant authorities (e.g. those embodied in S3 but not exclusively, as S3 may have missed them in view of its focus on existing strengths)?*
- Validate with contact points. Ensure there are no contradictions.

Step 1 – To recap

- A fully-developed rationale for the transition, based in part on Table 1. (2-3 pages)
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- A proposed headline indicator and an initial timeline for its achievement (if not provided already by the authorities) (1 page).