



THE CASE
STUDIES

DEFINITION - STRUCTURE

A published report about a person, group, or situation that has been studied over time; also: a situation in real life that can be looked at or studied to learn about something

- Specific Question
- Hypothesis
- Collection of Data
- Analysis of Data
- Conclusion
- Applicability

A CASE STUDY IN BIOECONOMY

- Detection of different kinds of innovation (*technological, financial, process*)
- Specificities (*Technological, Environmental, Legislative Social*)
- Communication issues
- Extrapolation of the study to the wider market dimensions
- Consideration of the sustainability criteria
- Legislative frame and barriers
- Importance of the pricing policy
- Importance of the Infrastructures and logistic capacities
- Importance of the regional, national and EU policies and perspectives of integration
- Influence of investment decisions

THE PURPOSE

- **The Operational Purpose**

- A tool of feasibility
- A cost – benefit analysis
- Input to the data bases
- Comparative approaches
- Convincing the Policy makers & potential Investors

- **The Educational Purpose**

- Training
- Familiarization
- Synergistic action on a multidisciplinary basis

THE METHODOLOGY

- Design the case study
- Conduct the case study
- Analyze the case study evidence
- Develop the conclusions, recommendations and implications

DESIGNING THE CASE STUDY

- **An overview of the case study project** - this will include project objectives, case study issues, and presentations about the topic under study
- **Field procedures** - reminders about procedures, credentials for access to data sources, location of those sources
- **Case study questions** - the questions that the investigator must keep in mind during data collection
- **A guide for the case study report** - the outline and format for the report.

CONDUCTING THE CASE STUDY

RECOMMENDED PROCEDURES

- Documentation
- Archival records
- Interviews
- Direct observation
- Participant observation
- Physical artifacts

SUGGESTED APPLICATIONS

- Technological Developments
- Structural Arrangements
- Socio-Technical Interface
- Policies & Governance
- Economic Environment
- Benefits / Problems

ANALYZING THE CASE STUDY

- Current use / could use / would enhance future use
- The following contribute to the effectiveness of the work
- These developments could be important in five years
- High priority should be placed on the following
- Table adding up to one hundred percent
- Introducing and Analyzing Risk parameters

- *Use of specific software (e.g. SPSS) for the data analysis*

CONCLUSIONS - RECOMMENDATIONS

- Applicability of the Findings
- Comparative approach
- Use of the findings on a case by case basis
- Modifying the parameters
- Developing models for *in-silico* analysis
- Creating Archives for further use and meta-analyses

PRESENTATION

You should be capable to present your case study in a written report of 8-12 pages or in an oral presentation of 10 minutes using 6-8 slides

Examples of Case Studies on Bioeconomy

Conducted after the Request of the European Commission

https://ec.europa.eu/research/bioeconomy/pdf/13-case-studies-0809102014_en.pdf