

The collection of economic data within the DCF variables METHODOLOGY

POLAND

Data acquisition

Source of information:

- **ERS – Electronic Reporting System**
 - Logbook and first sale notes data
 - Fishing vessel register
- **RRW-19 statistical questionnaire**
- Other sources (administrative documents, publications, estimations, expert knowledge)

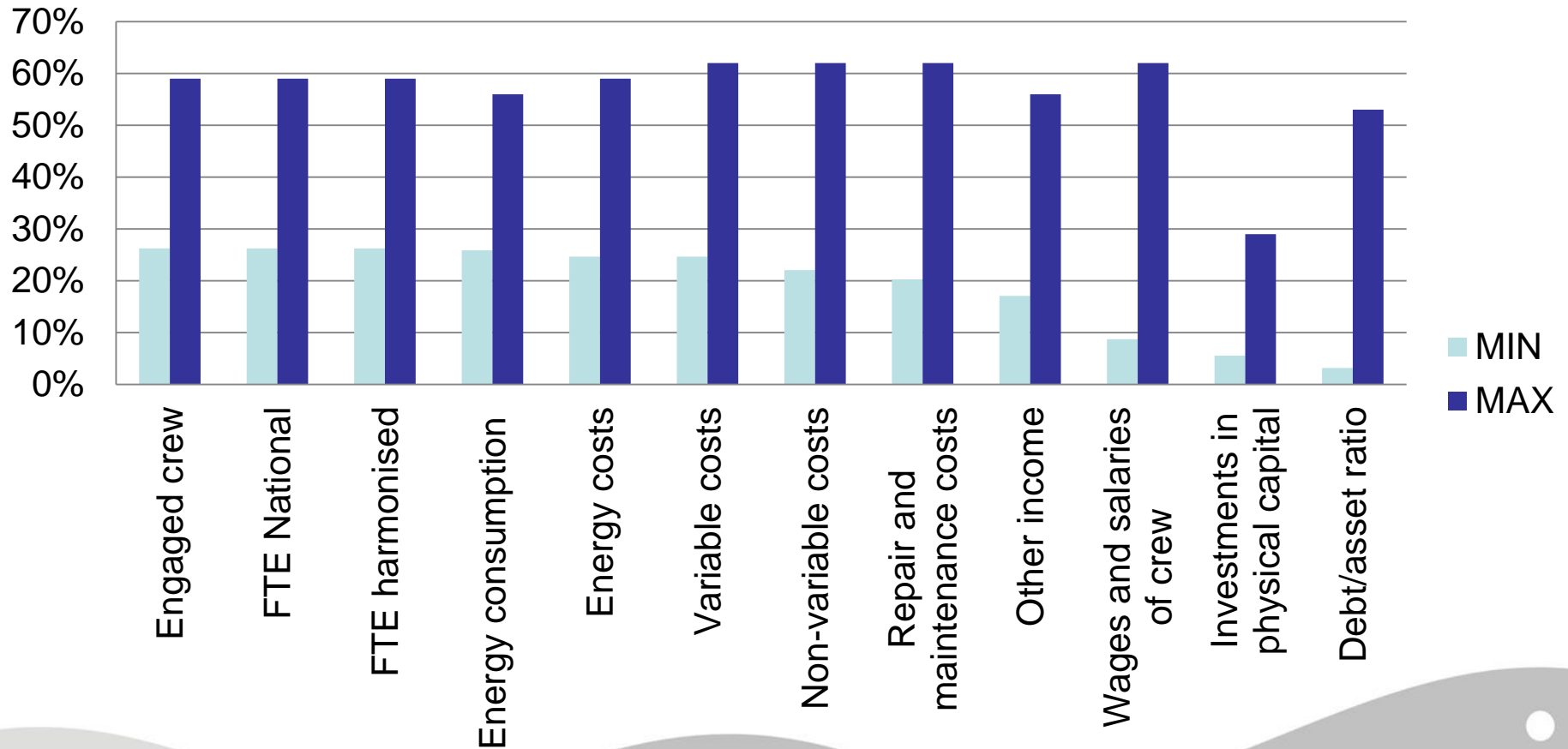
Methodology of data collection

- In accordance with national regulations, each vessel owner is legally obliged to file a questionnaire regarding the economic results of the fishing vessel and also each fish processing plant is required to complete a questionnaire on economic performance in the reporting year
- In order to ensure the maximum number of questionnaires is received, reminders of the obligation to file them are sent by registered mail to all registered (active) vessel's owners
- In order to ensure the maximum number of questionnaires is received, reminders of the obligation to file them are sent by registered mail. Telephone and personal contacts are also envisaged.
- If questionnaires are not files by a portion of vessel owners by the deadline, calculations are made based on the questionnaires received.

Methodology of data collection

- Response rate does not usually exceed 70% of total population, however data collection is random character (probability sample), which ensures the representativeness of the sample.
- Since the number of returned questionnaires did not reach a plan of respond rate, calculations have to be made with the questionnaires received.

Response rate (per item)



Source of economic data and method for estimating data for the whole population

Variable group	Variable	Source	Estimation method
Income	Gross value of landings	Questionnaire RRW-19, first sale documents	Catch size
	Income from leasing out quota or other fishing rights	Not applicable	
	Direct subsidies	Questionnaire RRW-19, fisheries administration data	Number of vessels
	Other income	Questionnaire RRW-19	Number of vessels
Personnel costs	Wages and salaries of crew	Questionnaire RRW-19	Employment
	Imputed value of unpaid labour	Estimation	
Energy costs	Energy costs	Questionnaire RRW-19	Fishing days
Repair and maintenance costs	Repair and maintenance costs	Questionnaire RRW-19	Number of vessels
Other operational costs	Variable costs	Questionnaire RRW-19	Fishing days
	Non-variable costs	Questionnaire RRW-19	Number of vessels
	Lease/rental payments for quota or other fishing rights	Not applicable	
Capital costs	Annual depreciation	According to FISH/2005/03	Number of vessels
Capital value	Value of physical capital: depreciated replacement value ¹⁰	Questionnaire RRW-19; bonus for scrapping vessels	Number of vessels
	Value of physical capital: depreciated historical value ¹⁰	Questionnaire RRW-19	Number of vessels
	Value of quota and other fishing rights	Not applicable	

Source of economic data and method for estimating data for the whole population cont.

Variable group	Variable	Source	Estimation method
Investments	Investments in physical capital	Questionnaire RRW-19	Number of vessels
Financial position	Debt/asset ratio	Questionnaire RRW-19	Number of vessels
Employment	Engaged crew	Questionnaire RRW-19, fishing vessel register	Number of vessels
	FTE National	Questionnaire RRW-19,	Number of vessels
	FTE harmonised	Questionnaire RRW-19, fishing logs	Number of vessels
Fleet	Number	Fishing vessel register; fishing logs	Comprehensive data
	Mean LOA	Fishing vessel register	Comprehensive data
	Mean vessel's tonnage	Fishing vessel register	Comprehensive data
	Mean vessel's power	Fishing vessel register	Comprehensive data
	Mean age	Fishing vessel register	Comprehensive data
Effort	Days at sea	Fishing logs	Comprehensive data
	Energy consumption	Questionnaire RRW-19	Fishing days
No of fishing enterprises/units	Number of fishing enterprises/units	Fishing vessel register	Comprehensive
Production value per species	Value of landings per species	First sale document	Catch size/value
	Average price per species	First sale document	Catch size/value

Timetable

- March, 10 - sending out questionnaires;
- March, 31 – questionnaires submission deadline;
- April-May – initial verification, putting data into database;
- June – call for outstanding data;
- July-August – collecting of outstanding data, visits to ports;
- September – cross check and data validation
- October – ready to answer EC data call.