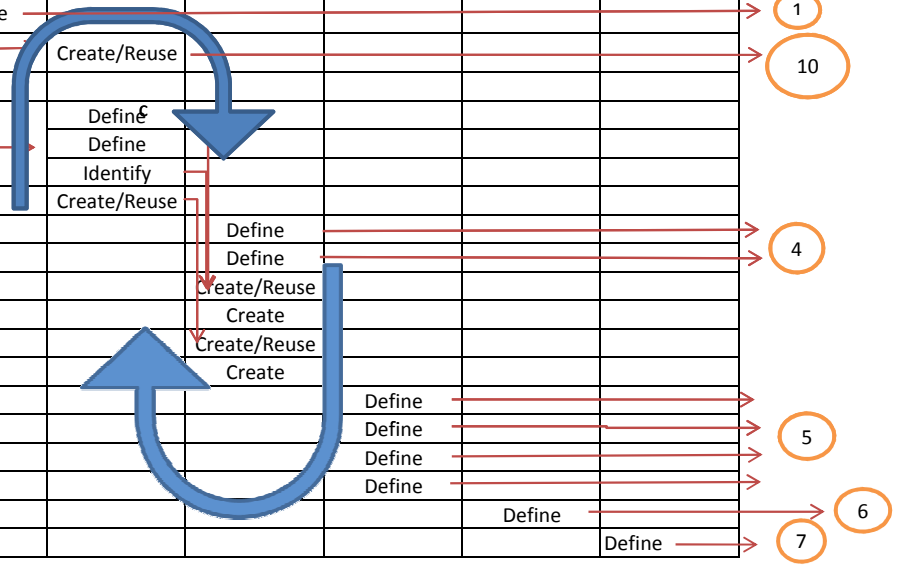
Phase 2 - Design

Phase / Metadata object		2. Design					
		2.1 Design outputs	2.2 Design variable descriptions	2.3 Design data collection methodology	2.4 Design frame and sample methodology	2.5 Design statistical processing methodology	2.6 Design production systems and workflow
Statistical outputs	1	Define					
Concepts	2		Create/Reuse				
Data Source							
Variables (Observation)			Define				
Variables (Derived)	2		Define				
Statistical unit			Identify				
Classifications/Code lists			Create/Reuse				
Data collection mode				Define			
Questionnaire				Define			
Questions				Create/Reuse			
Flow logic				Create			
Response templates				Create/Reuse			
Interviewer instructions				Create			
Target population					Define		
Register (Universe)					Define		
Frame design					Define		
Sampling method					Define		
Processing methods						Define	
Operational processes							Define



The **statistical outputs** identified in Phase 1 , are defined in a detailed way in this Phase 2.
In this phase there is a work of defining the **concepts** identified in Phase 1. They can have be used before and be stored in a Concepts and definitions database. In this case the same definition shall be used for coherence reasons.
If the concepts are new they must be defined and stored in the Concepts and definitions database.
The **statistical units** to be observed shall be identified, and the **observation variables** defined based on the concepts previously established. The derived variables needed shall be also defined, as well as the formulas to obtain them, based on the observation variables.
The **classifications** used in the survey shall be created ou identified to be reused, the **data collection mode** shall be defined also. Based on the concepts, observation variables and classifications, the **questionnaire** is designed. This process can be iterative, until reach the final version of these metadata objects.
The remain elements needed to have a methodological decription of the survey shall be defined:
Target population, **Register** to be used, the **sampling frame**, remain methods (**sampling, imputation, weighting,**...), and the definition of the **operational processes**.