CRITERIA FOR SUCCESS

The Project Plan shall contain clearly expressed Criteria for Success describing, in a quantified way, what will have been accomplished as a result of the project's successful completion. These criteria must be related to the objectives. They will form the basis for evaluation by all interested parties at the end of the project and beyond. Criteria may be revised by mutual agreement if the Project Plan is revised.

Wording of the criteria statement is not simply a re-statement of project objectives, nor a list of hopes and aspirations. It is a concisely quantified description of the expected achievements of the project.

The criteria, usually not more than 4 to 7, should be presented in a 'weighted table', expressing the relative importance of each one. Examples of 'Criteria for Success' tables are given below. These examples are hypothetical and Project Co-Directors should undertake every effort to generate their own project-specific criteria.

EXAMPLE 1 FOR AN INDUSTRIAL PROJECT:

Rapid Prototyping in the Foundry Industry

Criteria for Success		Relative weight
In terms of success of the adoption of new technologies by the industrial partner		
1.	If in the second year of the project the industrial end-users use ~~*regularly*~~ ***** 3D-CAD systems for the design of their patterns	10%
2.	If in the third year of the project the industrial end-users use ~~*regularly*~~ ***** computer-based manufacturing processes for pattern making	20%
3.	If at the end of the project each of the industrial partners has used ~~*successfully*~~ * the new technologies for a new order from a foreign client	25%
4.	If at the end of the project industrial partners use ~~*regularly*~~ ***** commercially available software for design optimization of cast parts when developing new products with their clients	25%
In terms of success in the dissemination of the new methodologies in the national foundry industry		
5.	If two years after completion of the project the new methodologies have been introduced in at least two additional firms.	20%
	TOTAL	100%

***** The adverbs *regularly* and *successfully* should not be used in the Criteria for Success table. Instead, quantified data should be given, and parameters and values specified (or reference made to the relevant paragraph(s) in the Project Plan).

EXAMPLE 2 FOR AN INDUSTRIAL PROJECT:

Development of an Industrial Robot Vehicle

Criteria for Success	Relative weight
In terms of the scientific impact of the developed methodologies	
1. If the vehicle ~~*successfully*~~ ***** performs the allocated missions in a known environment	35%
2. If the vehicle ~~*successfully*~~ ***** performs the allocated missions in an environment with simple unexpected obstacles	25%
In terms of visibility of the project	
3. If a demonstration is attended by more than 30 potential end-users that would be using such vehicles	20%
In terms of personnel training	
4. If a year after completion of the project at least three scientists involved in the development of the project have been hired by industry for similar applications	20%
TOTAL	100%

EXAMPLE 3 FOR AN INDUSTRIAL PROJECT:

Industrial Coating of Cutting Tools

Criteria for Success	Relative weight
In terms of scientific development	
1. If one year after the start of the project a technology for TiN and TiCN coating of cutting tools has been ~~*successfully*~~ ***** developed by the university partner	25%
2. If at the end of the project a technology for TiN-TiAlN coating of cutting tools is ~~*successfully*~~ ***** developed by the university partner	25%
3. If at the end of the project the university quality control laboratory has obtained international homologation for quality control	10%
In terms of success for the industrial partner	
4. If at the end of the project the industrial partner's production of coated cutting tools has increased by 30%	15%
5. If two years after completion of the project the industrial partner's production of coated cutting tools has increased by 75 %	15%
6. If two years after completion of the project the industrial partner has succeeded in exporting coated cutting tools	10%
TOTAL	100%

***** The adverbs *regularly* and *successfully* should not be used in the Criteria for Success table. Instead, quantified data should be given, and parameters and values specified (or reference made to the relevant paragraph(s) in the Project Plan.

EXAMPLE 1 FOR AN ENVIRONMENTAL SECURITY PROJECT:

Transboundary River Basin Water Management

Criteria for Success	Relative weight
1. Creation of a assembly in which policy makers and relevant institutions and environmental research institutions from the region are represented	10%
2. Creation of a computer centre (for storage of environmental data, for development and calibration of mathematical models, …)	5%
3. Collection and validation of data from all the different countries	25%
4. Installation of a Geographical Information System for water resources	15%
5. Selection, calibration and validation of mathematical models	15%
6. Large scale presentation of the water management system	10%
7. Implementation of the water management system for the river basin	10%
Two years after completion of the project	
8. All countries implement the water management system and the assembly continues to meet regularly in order to further develop the system	10%
TOTAL	100%

EXAMPLE 2 FOR AN ENVIRONMENTAL SECURITY PROJECT:

Ecosystem Modeling of the Black Sea

Criteria for Success	Relative weight
1. Creation of an operational data base system, facilitating coordinated, uniform, high scientific analyses of the present and historical contaminant inputs, including effects on marine productivity	10%
2. Intercalibration of analytic methods for environmental data	10%
3. Creation of a sustainable international infrastructure responsible for high quality environmental monitoring of the Black Sea	20%
4. Selection or development of an ecological model for the environmental management of the Black Sea	15%
5. Dissemination of the project results to the international scientific community	5%
On year after completion of the project:	
6. Implementation of the Ecosystem model for environmental management by the responsible authorities (policy makers on a national and international level)	40%
TOTAL	100%