

ACTION citizen science impact assessment canvas

<p>Key problem you want to address</p> <p>What social, economic, environmental problem are you trying to (contribute) to solve?</p> <p><i>Example: Air pollution, especially that is generated by private mobility, in Turin (Italy)</i></p>	<p>Key research question</p> <p>What is the main research question addressed by your CS project?</p> <p><i>Example: how does private mobility traffic impact on air quality in specific areas of the city and on specific moments of the day?</i></p>		
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<p>Input</p> <ul style="list-style-type: none"> • Where are you starting from? • What was there before the beginning of the project? • What are the economic/technical and human resources you will use besides the one provided by ACTION? How much do they cost? <p><i>Example: this project is the continuation of a previous one, we already have 200 CS engaged and 5 lead researchers</i></p>	<p>Activities</p> <ul style="list-style-type: none"> • What will you do? • What do you do to engage your stakeholders? <p><i>Example: Air quality monitoring with low cost DIY sensors. 5 events. 3 training workshops</i></p>
<p>Outputs</p> <ul style="list-style-type: none"> • What are the tangible results you expect to deliver? • How many people do you aim to engage? • How many people do you aim to reach through communication? • How many policy makers? <p><i>Example: a new version of our air quality measurement sensor; a curated dataset; 3 publications. 500 CS engaged. 1k reached</i></p>	<p>Short-terms and long-term impacts</p> <ul style="list-style-type: none"> • What positive change do you expect for your stakeholders? • Which areas of impact are more relevant? (see ACTION impact assessment framework in the next page and described in the PPT attached) • Which dimensions are more relevant? (see ACTION impact assessment framework in the next page and described in the PPT attached) <p><i>Example: citizens will be more aware of air quality, better informed on how to reduce exposure, 10% will change their moving behaviours. Policy makers will change mobility policies. Papers deeply up taken by researchers in the field.</i></p>



Assign a value from 1 to 5 to each areas of impact and to the related dimensions
(1 is not relevant/we do not aspect impacts. - 5 is very relevant/will be a crucial impact)

Definitions of the areas of impact and related dimensions are in the PPT that accompany this canvas

Scientific impact	Value
Scientific knowledge	
New research fields and interdisciplinarity	
New knowledge resources	

Social impact	Value
Community building and empowerment	
Social inclusion	
Researchers and research community growth and empowerment	
Knowledge, skills and competences	
Changes in way of thinking, attitude and values	
Behavioural change	

Economic impact	Value
Impact on employment	
Cost saving	
Income and revenue generation for leading organisations	
Economic impact on the local communities	

Political impact	Value
Impact on policy process	
Political participation	
Self-governance	
Political support for citizen science	



Environmental	Value
Impact on ecosystem	
Impact on biodiversity	
Impact on soil quality	
Impact on water quality	
Impact on air quality	
Impact on health	

Other impacts	Value
Please specify.....	
Please specify.....	
Please specify.....	

