



# World Sustainability Fund

Project title	<b>Creating The World We Need Together</b>
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## 1 Synopsis

World Sustainability Fund is a not for profit NGO and aims to save the climate since global warming causes natural disasters. We are a non profit independent organization with a two tier board and the Headquarter in The Hague. WSF will provide global capacity building in 200 countries within three years through our sustainable development program with 10 projects per country, including The Netherlands with special focus at The Hague sustainable development goals.

We adopt United Nations based proven technologies, certifications and financial structures. WSF manage mission risks which are lower than climate risks. Based on the mission requirement, we started with 100 people and will grow to over 55,000 employees. The initial cost per country is \$1M to run operations and \$100M for projects, a total of \$23.7B for 200 countries. Our current strategy is to establish right now operations in 14 countries, including also China, India, and The Netherlands, covering around 45% of global population and 33% of global CO<sub>2</sub>eq emission.

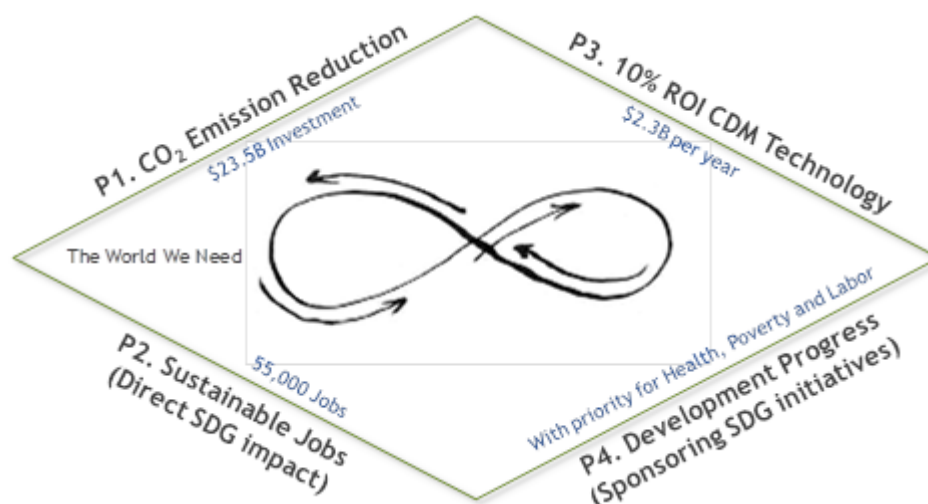
## 2 Description of background, objective and activities

### WHY - The background to the project

Continued emissions into the earth's atmosphere are projected to cause further warming and increase the likelihood of inescapable effects on every continent. According to the Intergovernmental Panel on Climate Change, the current trajectory of Greenhouse gases (GHG) emissions rates will cause global temperatures to increase by 4°C by the end of this century. This makes the globally agreed target of keeping atmospheric temperature increase below 2°C more difficult to achieve. The reserve pollution space to 2°C is 1,200 Gt CO<sub>2</sub> eq. and global yearly emission is 50 Gt and growing. This shows we need to act now because it takes years to build compensation capacity.

### WHAT - The objective of this project

The mission of WSF is to save the climate within 25 years. To achieve this, we adopt the United Nations based proven technologies, certifications and financial structures. Our long term strategy is to provide global capacity building and best practices to accomplish Clean Development Mechanism (CDM) projects in 200 countries. Our IMPACT model is designed as "WSF Quadra P Matrix" for Planet, People, Profit, and Progress. According to the actual market data, CDM solution investments can yield an average net ROI ranging from 10% to 35%. WSF commits to use this money to sponsor the other SDG initiatives, so will act at large as a non profit organization.



## HOW - The envisaged activities

Since 2013 WSF has tested twenty sustainable projects and developed best practices for sustainable project implementation. We have created a toolkit that we use for country research, analysis and program development planning. Through this toolkit, we will obtain country-specific situation towards climate change, insight of what the country needs in terms of sustainability, project locations and identification of potential local partners and stakeholders. At the project design stage, we will propose an appropriate solution plan for a given country, typically consisting of 10 large scale projects focusing on wind, solar, hydro, energy distribution, energy demand, transportation, waste handling, afforestation, reforestation and agriculture.

## 3 Connection

### 1. The extent to which the proposal contributes to an effective solution to a global social problem.

The problem is the annual CO<sub>2</sub>eq emission of 50 Gt. Which need a reduction of 50% within 25 years.

**Table SPM.1** | Key characteristics of the scenarios collected and assessed for WGIII AR5. For all parameters, the 10th to 90th percentile of the scenarios is shown.<sup>1,2</sup> [Table 6.3]

CO <sub>2</sub> eq Concentrations in 2100 [ppm CO <sub>2</sub> eq]	Subcategories	Relative position of the RCPs <sup>3</sup>	Cumulative CO <sub>2</sub> emissions <sup>2</sup> [GtCO <sub>2</sub> ]		Change in CO <sub>2</sub> eq emissions compared to 2010 in [%] <sup>4</sup>		Temperature change (relative to 1850–1900) <sup>5,6</sup>				
			2011–2050	2011–2100	2050	2100	2100 Temperature change [°C] <sup>7</sup>	Likelihood of staying below temperature level over the 21st century <sup>8</sup>			
								1.5 °C	2.0 °C	3.0 °C	4.0 °C
Category label (concentration range) <sup>9</sup>											
< 430			Only a limited number of individual model studies have explored levels below 430 ppm CO <sub>2</sub> eq								
450 (430–480)	Total range <sup>1,10</sup>	RCP2.6	550–1300	630–1180	–72 to –41	–118 to –78	1.5–1.7 (1.0–2.8)	More unlikely than likely	Likely		

All years 2003 till 2016	# of Projects	Mill US\$ investment	Mill US\$	Annual red. Mt CO <sub>2</sub> eq	% from 25 Gt CO <sub>2</sub> eq	Source cdmpipeline.org
UN Registered till now	7684	422429	55			From Invest
Total " " (114 countries)	8506			1196	6%	From Indicators
WSF Planning till 2020	2300	23000	10	59	0,3%	Cross calculation

The WSF direct climate impact in 2020 is calculated at 0,3% of 20 Gt CO<sub>2</sub>eq. 0.6% of the 25 years reduction target. With a growth estimation of 1.6 every 3 year WSF climate impact can become 16% at 2040. 27 times 2020, creating 1.5 million direct jobs and ca. US\$ 150B sponsoring to other SDGs. WSF projects will have a sample and catalyst function, open for creative commons copying by third parties. Also the 1.6 growth can become stakeholders driven and owned, as extra happiness index value.

Year	Growth factor	Impact
2020		0,6%
2023	1,60	1,0%
2026	1,60	1,5%
2029	1,60	2,5%
2032	1,60	3,9%
2035	1,60	6,3%
2038	1,60	10,1%
2041	1,60	16,1%

## 2. The extent to which there is a healthy revenue model.

According to the actual market data, CDM solution investments can yield an average net ROI ranging from 10% to 35%, reflecting US\$ 2.3 till 8B at 2020.

## 3. The extent to which the intended concept is innovative compared to existing products, processes, technologies or services.

Using the 250 UNFCCC certified baseline CDMs for 15 sectors, and their updates, WSF is able to implement success proven innovative technologies. WSF aim to have over 45 CDM experts and 51 SDG experts as well as project bound trained operators.

## 4. The extent to which the proposal is feasible and scalable for other sectors/applications, countries or regions.

It is feasible because of application of actual global management practise, co-ownership, and stakeholder focus. Operations are business driven but ROI profits will go to SDG in own countries and countries in need, balancing social development where it is applicable. Scaling up we support by sharing expertise, education, PDDs, and other documentation.



## 5. The extent to which the proposal contributes to The Hague Impact Economy.

The proposal has at this very moment already support of over 100 volunteers living in The Hague. Mostly expats covering 60 nationalities, 40 professions, 70% Master degree, 75% woman. After substantial funding ca. 230 FTE paid jobs will grow out to over 3.000 in 2020 related to international development and operations management. Additional WSF will support, initiate, co-invest in, and operate local CDM and SDG based projects like renewable energy, transport, recycling, education, social and legal development.

## 4 Appendices

### Additional information

- PowerPoint [presentation 19 slides](#);
- Glossary [14 pages Executive Introduction](#);
- Website <http://worldsustainabilityfund.nl>

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