

Improvements of Sustainable Development Tool and Voluntary Cancellation Tool

18th Global DNA Forum

Bonn, Germany, 19 to 20 September 2017



Procedural background

- The development and implementation of the SD-tool was discussed at several Board meetings and it was **launched in early 2014**
- **In EB90, several improvements** to the IT system in terms of workflow efficiency, usability and searchability **were approved**
- The **new version** of the SD-tool will be realized **on 30 September 2017**



Procedural background

CDM projects declared that:

- 40% Engaged with local population (jobs, education and/or living conditions)
- 27% produced financial benefit for the local and/or regional economy
- 25% Improved, protected and/or utilized efficiently the natural resources
- 7.5% Invested in infrastructures, utilities or/and technology



Clean Development Mechanism Sustainable Development co-Benefits Description Report¹

| CDM programme of activities(PoA) information | |
|--|---|
| Title | CUIDEMOS Mexico (Campana De Uso Inteligente De Energia Mexico) - Smart Use of Energy Mexico |
| PoA reference no. | 2535 |
| Type | Programme of Activities |
| Sectoral Scope | Energy demand (3) |
| Host Party | Mexico |

| Report information | |
|--|------------|
| Submission date | 05.04.2017 |
| Publication no. | 1 |
| Original language | English |
| Third party verifier (willing) | Yes |
| Name of third party verifier and/or comments | |

| Contact information | |
|----------------------------|--------------------------------|
| Title | Mr. |
| Name (first name, surname) | Christopher Tierney |
| Organisation | Cool nrg International Pty Ltd |



The Sustainable Development Tool

C. The extent of economic co-Benefits:

| | | N/A | Partly | Slightly | Highly |
|---------------------|---|-----|--------|----------|--------|
| Growth | New investments | • | | | |
| | New industrial/commercial activities | • | | | |
| | New infrastructure | • | | | |
| | Enhancement of productivity | • | | | |
| | Reduction of production costs (services) | | • | | |
| | New business opportunities | • | | | |
| | Other economic benefits | | | • | |
| Energy | Improvement in supply of energy | | | • | |
| | Access to energy | • | | | |
| | Affordability and/or reliability of energy | | | • | |
| | Other energy improvements | • | | | |
| Technology | Introducing/developing/diffusing imported technology | | | | • |
| | Introducing/developing/diffusing local technology | • | | | |
| | Adaptation of new technologies to local circumstances | • | | | |
| | Know-how activities for a technology | • | | | |
| | Other technological benefits | • | | | |
| Balance of payments | Reduction of foreign dependency | • | | | |
| | Other macro-economic benefits | • | | | |



The Sustainable Development Tool

B. Social co-Benefits

No co-benefits related to health and safety are described.

| | Indicator | Specification | Extent |
|-----------|--|---|----------|
| Jobs | The CDM PoA creates new job opportunities including income generation as follows: | | |
| | New short term jobs | <i>The Luz Sustentable Program to distribute 22.9 million energy efficient lights to 5.7 million households ran for 16 months. A management team of 15 was contracted to deliver the project. In addition to distribution through three major retail chains, teams of people were employed in mobile units to distribute lightbulbs direct to households. Each unit had a driver and up to 20 operators. At its peak, up to 50 mobile units were in operation. A total of over 4,500 people were involved in the distribution through the 1,600 retail stores and the mobile units.</i> | Highly |
| | Income generation | <i>A significant budget was allocated to the marketing promotion of the Program. This work was allocated to local companies.</i> | Slightly |
| Education | The CDM PoA facilitates education, dissemination of information, research or increases awareness as follows: | | |
| | Project related knowledge dissemination | | Slightly |
| | Other educational benefits | <i>The Program provided information about climate change and the benefits of energy efficient lights.</i> | Slightly |
| Welfare | The CDM PoA improves local living and working conditions as follows: | | |
| | Poverty alleviation | <i>Many of the households that received 4 free energy efficient lights were low income families that benefited greatly from the zero cost to change from their existing high energy using lights and then the reduced energy bills over time.</i> | Slightly |



Improvements of Sustainable Development Tool



United Nations
Framework Convention on
Climate Change

CDM Sustainable Development co-Benefits

Home

View Reports

Create a report

FAQs



Sustainable Development co-Benefits (SD Tool)

The SD Tool is a user-friendly survey used to create Sustainable Development co-Benefits of CDM projects for submission to the UNFCCC secretariat for approval.

The SD Tool is available to CDM project participants on a voluntary basis. The tool is used to identify and document co-benefits of CDM projects.

Step 1: Request access

Integration into the
UNFCCC
User-credential system

The identification will
permit reusing data which
is already available in the
CDM database



UNFCCC Secretariat
SDM programme

Improvements of Sustainable Development Tool

Renewed Project participant dashboard

| Home Dashboard - Project Participant | | | | | Role: Project Participant |
|--------------------------------------|--|------------------|-----------|--------------|---|
| My Projects and Co-Benefit Reports | | | | | |
| <div>Search ...</div> | | | | | |
| Ref.No. ▼▲ | Project Title ▼▲ | Created ▼▲ | Status ▼▲ | Completed ▼▲ | Actions |
| 9 | La Esperanza Hydroelectric Project | 2017-07-31 10:13 | Submitted | 100% | View |
| 27 | Onyx Landfill Gas Recovery Project - Trémembé, Brazil | 2017-08-01 12:27 | Submitted | 100% | View |
| 123 | Energy efficiency through installation of modified CO2 removal system in Ammonia Plant | 2017-08-25 15:03 | Submitted | 100% | View |
| 51 | Cortecito and San Carlos Hydroelectric Project | 2017-07-31 10:13 | Published | 100% | View |
| 58 | Biomass in Rajasthan - Electricity generation from mustard crop residues | 2017-07-27 14:14 | Draft | 100% | Withdraw Edit |
| 456 | 'Blended cement with increased blend' at Orient cement's Devapur and Jalgaon plants in India | 2017-08-27 18:10 | Draft | 100% | Edit |
| 24 | Graneros Plant Fuel Switching Project | 2017-07-27 14:57 | Submitted | 100% | View |
| 117 | 3.5 MW Rice Husk based Cogeneration Project at Nahar Spinning Mills Ltd. | 2017-07-27 14:57 | Draft | 100% | Edit |
| 1 | | | Submitted | 100% | View |
| <div>10 ▼</div> | | | | | <div>1</div> |

Improve of version control functionality allowing to update/withdraw reports



Improvements of Sustainable Development Tool

Renewed project participant dashboard

Home Dashboard - Project Participant

Role: Project Participant

My Projects and Co-Benefit Reports

Your CDM activity is not listed? Request access

| Ref.No. ▼▲ | Project Title ▼▲ | Created ▼▲ | Status ▼▲ | Completed ▼▲ | Actions |
|------------|--|------------------|-----------|--------------|---|
| 9 | La Esperanza Hydroelectric Project | 2017-07-31 10:13 | Submitted | 100% | View |
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| 1 | | | Submitted | 100% | View |

10 ▼

1

Easier to request access to new SD-tools reports



Improvements of Sustainable Development Tool

Request access to another Project or Project Activity

Activity Reference Number: *

Reference Number ...

Please select a project activity ...

| | Created ▼▲ | Status ▼▲ | Completed ▼▲ |
|---|------------------|-----------|--------------|
| Electric Project | 2017-07-31 10:13 | Submitted | 100% |
| recovery Project - Tremembe, Brazil | 2017-08-01 12:27 | Submitted | 100% |
| through installation of modified CO2 removal sy | | Submitted | 100% |

Submit access request Cancel

Easier to request access to new SD-tools reports



Improvements of Sustainable Development Tool

Improved user interface

Home Dashboard Contact Third Party Assessment 1. Environment 2. Social 3. Economics Further Information Review & Submit

► Report for Activity: 58 - Biomass in Rajasthan - Electricity generation from mustard crop residues (State: Published) Progress: 100%

Contact Information

Please enter the following contact information:

| | |
|--------------------------|--|
| Title: * | Mr. |
| First Name: * | Guido |
| Last Name: * | Lutterbach |
| Organisation: * | UNFCCC |
| Phone: * | +4912345678 |
| Email: * | guido@unfccc.int |
| Affiliation to CDM: * | SDM |
| Are you listed in MOC: * | <input checked="" type="radio"/> Yes <input type="radio"/> No |

Navigation

- Home Dashboard
- Contact
- Third Party Assessment
- 1. Environment
 - 1.1 Air Quality
 - 1.2 Soil quality and/or soil pollution
 - 1.3 Water quality
 - 1.4 Natural resources
- 2. Social
 - 2.1 Job creation
 - 2.2 Health & safety
 - 2.3 Education
 - 2.4 Welfare
- 3. Economics
 - 3.1 Economic - Growth
 - 3.2 Energy transfer
 - 3.3 Technology transfer
 - 3.4 Balance of payment
- Further information
- Review & Submit

New navigation controls



Improvements of Sustainable Development Tool

Improved user interface



►Report for Activity: 58 - Biomass in Rajasthan - Electricity generation from mustard crop residues (State: Published)

Progress: 100%

2. Social ✓

2.1 Job creation ✓

Does the activity create new jobs? The activity creates new job opportunities including income generation. *

☒ Yes (and I wish to specify) ☐ No (the action has no direct impact) ☐ N/A (the question is not relevant)

How and to what extent does the activity create new employment?

| | N/A | No | Slightly | Partially | Highly |
|--|-----------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|
| New longterm jobs (> 1 year): * ✓ | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Number of long-term jobs to create: * 2 | | | | | |
| two fixed supervisor positions should be created. | | | | | |
| New shortterm jobs (< 1 year): * ✓ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Number of short-term jobs to create: * 10 | | | | | |
| during the construction 10 new positions should be created | | | | | |
| New sources of income generation: * ✓ | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Other employment opportunities: * ✓ | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

New navigation controls

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Previous

Next

Save Form

Review

Home Dashboard

Improvements of Sustainable Development Tool

Improved user interface



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| Other employment opportunities: * ✓ | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

No risk of data loss

- Automatic saving
- Request for saving before quitting
- Save button

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Improved user interface

Home Dashboard Contact Third Party Assessment 1. Environment Home Dashboard Contact Third Party Assessment 1. Environment

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New validation rules and color-coded



UNFCCC Secretariat
SDM programme

Other user friendliness features:

- WYSIWYG (what you see is what you get) report system
- Automated messages to users by email

New capabilities for other Stakeholders:

- Filters by co-benefits
- Sorting based on availability and conformity



New capabilities for other Stakeholders: Filters by co-benefits

Filter projects which:



| Report | Project identification | Project title | Type | Sectorial scope | Host countries | Submission date | Publication date | Valid until | Report number |
|--------|------------------------|--|------|--------------------------------|----------------|-----------------|------------------|-------------|---------------|
| | 6275 | Los Santos Wind Power Project | PA | Energy industries | Costa Rica | 07/04/2017 | 07/04/2017 | | 2 |
| | 2535 | CUIDEMOS México (Campana De Uso Inteligente De Energía México) - Smart Use of Energía México | PoA | Energy demand | Mexico | 05/04/2017 | 07/04/2017 | | 1 |
| | 2898 | Sichuan Rural Poor-Household Biogas Development Programme | PoA | Energy industries, Agriculture | China | 24/03/2017 | 28/03/2017 | | 2 |
| | 2221 | Hubei Eco-Farming Biogas Project Phase I | PA | Energy industries, Agriculture | China | 03/03/2017 | 20/03/2017 | | 2 |
| | 9507 | SKG Sangha Biodigester PoA | PoA | Energy industries, Agriculture | India | 02/03/2017 | 20/03/2017 | | 2 |

◀ 1 2 3 4 5 ... ▶ ▶▶

5 items per page

6 - 10 of 50 items



New capabilities for other Stakeholders: Filters by co-benefits

<

- Used by government and institutions to select projects with specific co-benefits and characteristics.
- Used by carbon trade exchange to define prices and promote projects in they own websites.
- Used by companies and private to evaluate projects in the voluntary cancellation platform.



The Voluntary cancellation platform



Background

- The UNFCCC on-line Platform for Voluntary Cancellation of CERs was successfully launched on 22 September 2015.
 - In 2016, the bank transfer system was enabled.
 - In 2017, different partnerships have been established with external VC Exchange platforms.
 - In 2018,
 - The platform will be translated into Spanish and French
 - The user-friendliness of the platform will be improved
 - The searchability in Google and other searching engines will be enhanced
 - Regular marketing campaigns will be produced to increase the visibility and of the platform
-



The Voluntary Cancellation Platform

[Log in/Register](#)[Shopping cart \(0 t\)](#)

Welcome! Take climate action by supporting green projects!

[Click here to view all available projects](#)

Contribute to climate action! By paying for avoided CO₂e emissions you support worthy projects that bring sustainable development to developing countries while reducing greenhouse gases. Please explore the site today and do come back again to see new projects that we are regularly adding to the site.

By purchasing offsets you can compensate for the emissions that you generate and cannot avoid in your daily life, your travel or your organization. Tell us about your purpose and receive a customized UN offset certificate. To calculate your personal, family or small business emissions, use our [climate footprint calculator](#).



Agriculture



Biomass energy



Energy efficiency - households



Energy efficiency - Industry



Hydro



N₂O gas reduction

Quick link



Project types



Maximum price



Continent



Country



Commitment period (vintage)



The Voluntary Cancellation Platform

[Log in/Register](#)[Shopping cart \(0 t\)](#)[Home](#) / [Energy efficiency - households](#)

9933: Improved Cook Stove Project 1,
Nkhata Bay District, Malawi

Project Type: Energy efficiency - households

From USD 8.50 per tonne

[View](#)

5336: Efficient Cook Stove Programme:
Kenya

Project Type: Energy efficiency - households

From USD 4.50 per tonne

[View](#)

Quick link



Project types



Continent



Country



Sustainable Development Co-Benefits



Commitment period (vintage)



Maximum price



Sort by



UNFCCC Secretariat
SDM programme

The Voluntary Cancellation Platform

Improved Cook Stove Project 1, Nkhata Bay District, Malawi



This is a cook stove project in Malawi and is run by Ripple Africa (a UK charity). Ripple Africa has so far replaced about 40,000 traditional three-stone cooking fires with fuel efficient cook stoves.

This project therefore benefits approximately 200,000 people. The project has lost of benefits because traditional three-stone fires:

- Consume a huge amount of wood resulting in major deforestation. It also takes a lot of time to collect all this wood. This time can be spent on education and other activities.
- Produce lots of smoke and so cause health problems such as lung cancer and child pneumonia. This mostly affects women and children.
- Are unsafe for children.

Ripple Africa has made this fuel efficient cook stove a way of life and has significantly reduced Malawi's

greenhouse gas emissions. Have a look at our video on YouTube: <https://youtu.be/9yJb9FTY5AM>

Ripple Africa will use the funds from the sale of the credits to expand the project and support other Ripple Africa activities such as fish conservation, tree planting, forest conservation, education and health care services. Ripple Africa wants to expand the project so that 500,000 people will benefit from this fuel efficient cook stove.

Supporting information can also be found here:

- Health issues of traditional cook stoves <http://cleancookstoves.org/impact-areas/health/>
- Environment issues of traditional cook stoves <http://cleancookstoves.org/impact-areas/environment/index.html>
- Livelihood issues of traditional cook stoves <http://cleancookstoves.org/impact-areas/livelihoods/index.html>
- Gender issues of traditional cook stoves <http://cleancookstoves.org/impact-areas/women-gender/index.html>

For more information on this project, please [click here](#).

For more information on the **social benefits** of the project [click here](#).



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Mail to a friend

Project number

9933

Continent

Africa

Country

Malawi

Sustainable Development Co-Benefits

Social Health And Safety Participation

Economic Energy Participation

Environment Natural Resources

Participation

Social Welfare Participation

Commitment period (vintage)

2



USD 8.50 per tonne

MW: 141548 - 172849

Applicable tax rate: 0 %

Provider: RIPPLE Africa

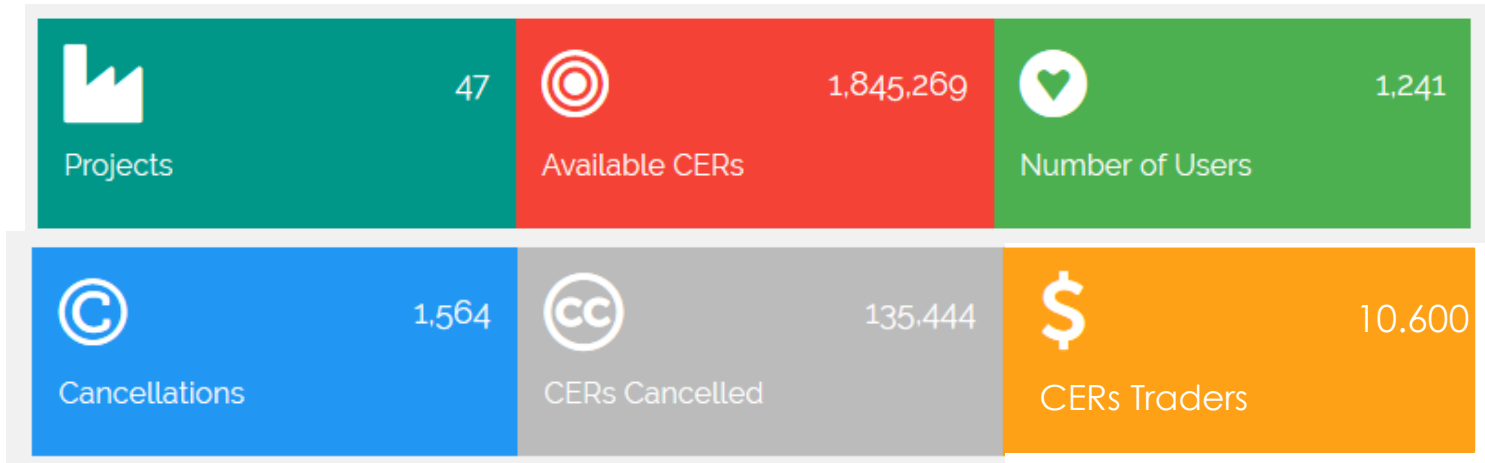
Availability: 906 tonne(s)

1

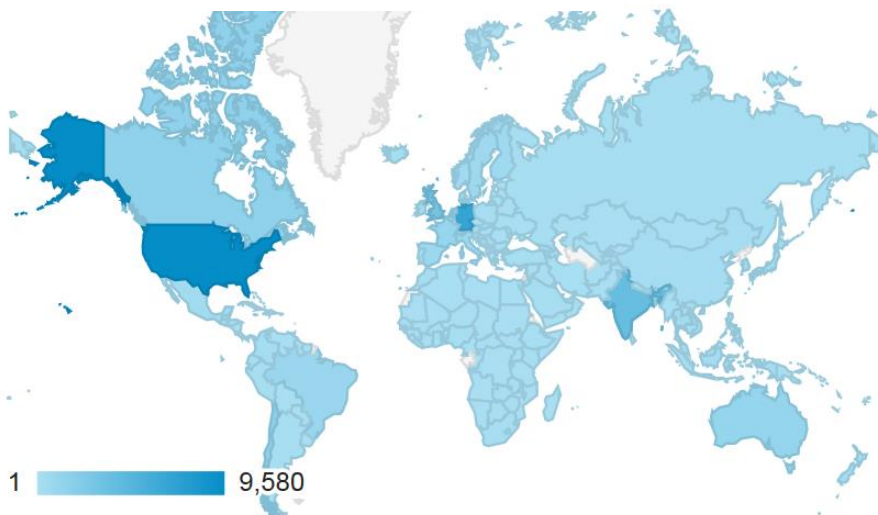
tonne(s)

Add to cart

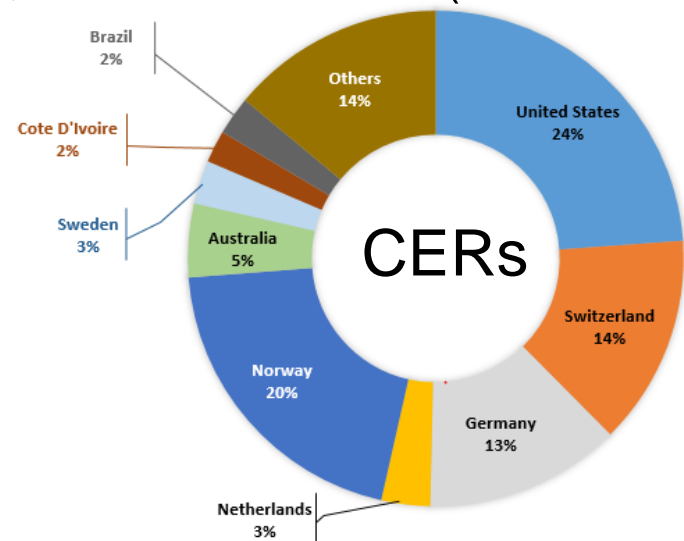
The Voluntary Cancellation Platform



44,693 visits (190 countries)



1,569 Transactions (74 countries)

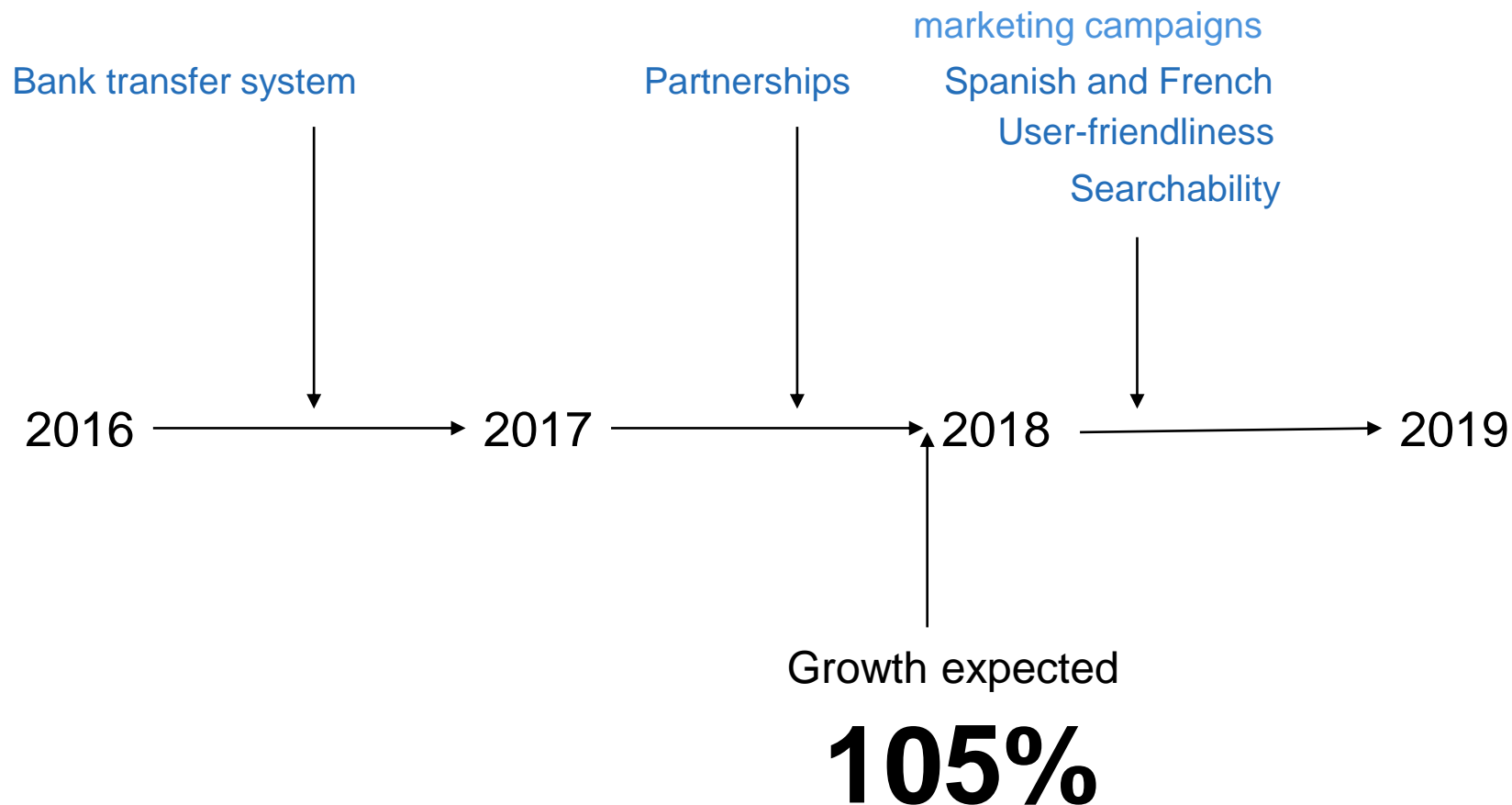


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The Voluntary Cancellation Platform



2018/2019 objectives:

- Demonstrate the alignment between CDM projects and SDGs
- Increase the visibility and understanding of CDM
- Increase the demand on the voluntary market

