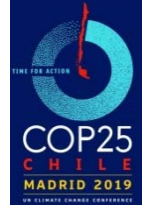




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Results of the 1st call of formative project assessment



Dr Paloma Melgarejo Nárdiz
Professor of Research
Spanish Ministry of Agriculture, Fish and Food
Scientific Officer of the Initiative 4p1000





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The 4‰ Initiative



4 working a

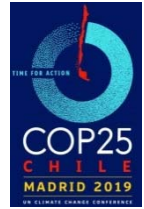
Action Plan

- A multi-stakeholder platform to facilitate partnerships
- **A tool to expertise and evaluate projects based on a set of references and indicators**

Scientific Program

- An international research and scientific cooperation program
- A digital resources center on carbon in soils





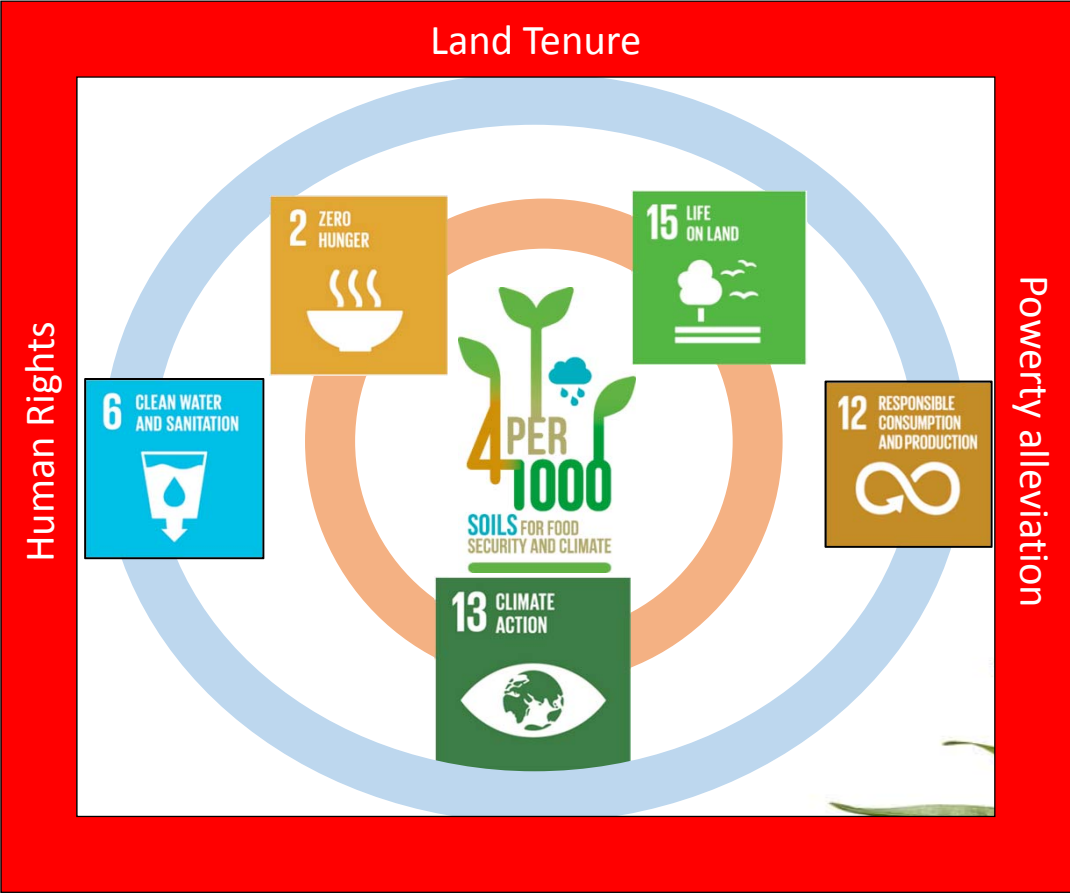
Framework



Direct targets

Associated targets

Safeguard targets: avoid harmful impacts





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Scientific & Technical Committee

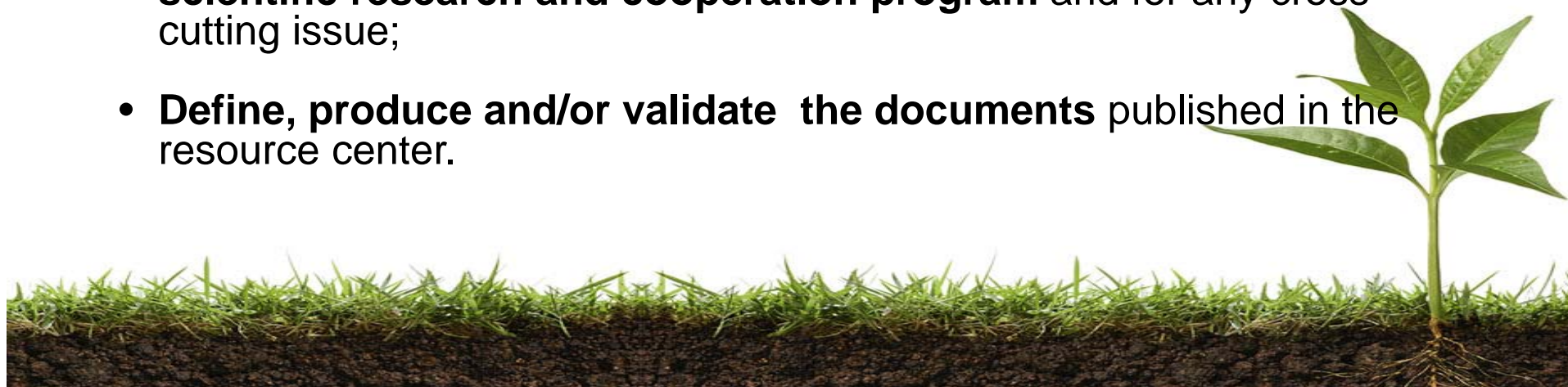
- **Propose a set of reference criteria and indicators for the evaluation of projects and actions founded on the principles and goals of the Initiative, as well as on the SDGs (BONN 2018)**

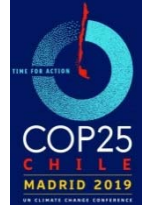
https://www.4p1000.org/sites/default/files/francais/4p1000_criterios_de_referencia_e_indicadores_para_la_evaluacion_de_proyectos.pdf

https://www.4p1000.org/sites/default/files/francais/doc_2_criteria_and_indicators_vf.pdf

https://www.4p1000.org/sites/default/files/francais/4p1000_criteres_de_reference_et_indicateurs_pour_levaluation_de_projets_du_cst.pdf

- **Formulate advice on projects, actions and programs**
- **Formulate proposals for the orientations of the international scientific research and cooperation program and for any cross-cutting issue;**
- **Define, produce and/or validate the documents published in the resource center.**





Project ?

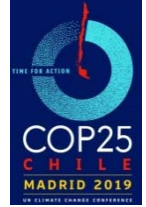
- A specific action
 - under defined temporal and spatial scales and ecosystems (e.g. arable, rangeland, forests..) ;
 - targeting changes in soil carbon ;
 - related to changes in land management and/or land use options ;

with expected benefits and possible trade-offs for local communities.





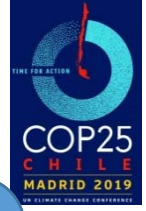
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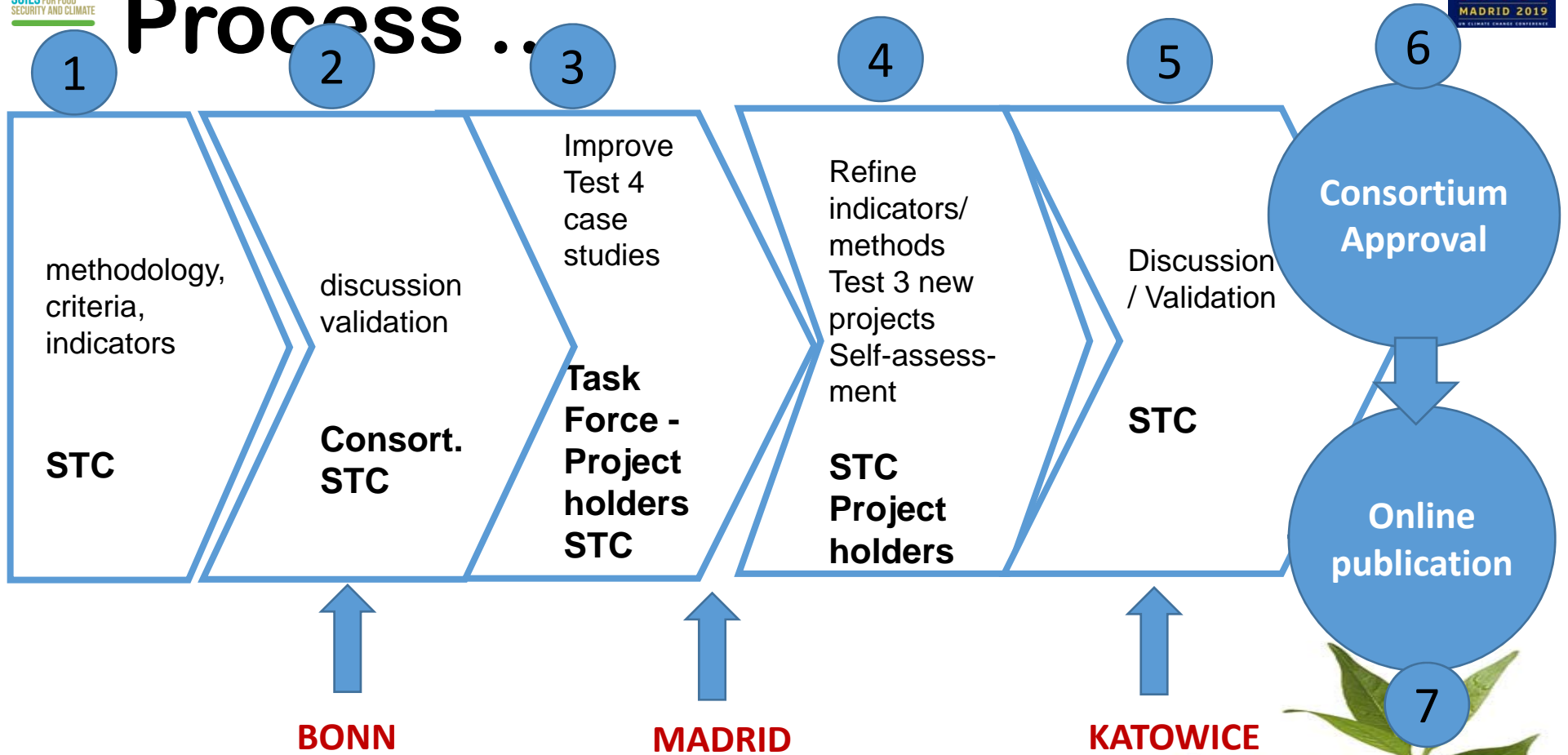
Evaluation ?

- **Formative evaluation : advices to improve the projects. (label)**
- **Projects that align the initiative goals**
- **Projects more likely to be financed**

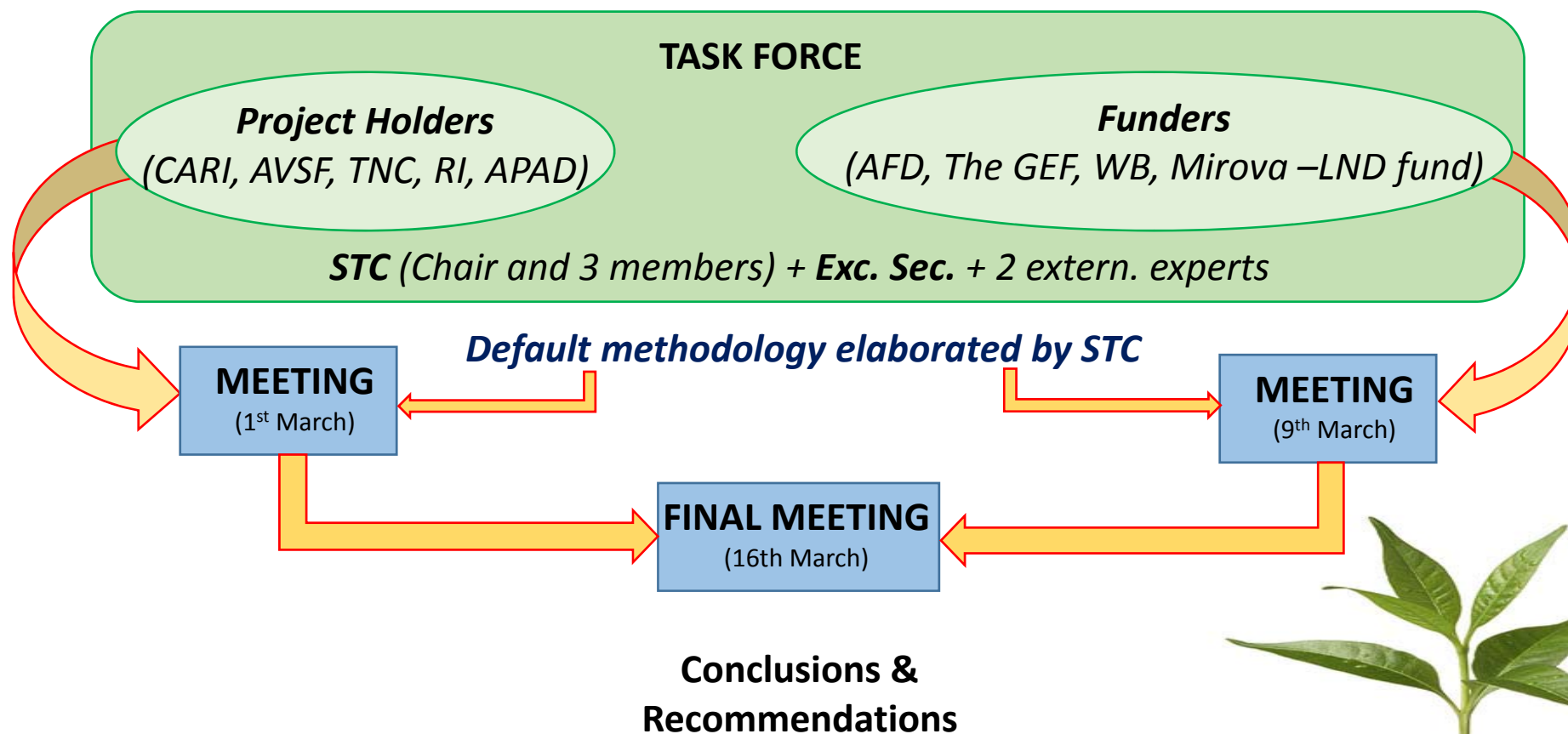




Process ..



Finalization via the work of a Task force





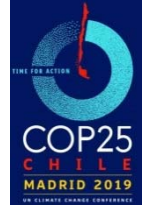
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Testing the approach : projects

| FULL TITLE | CONTINENT | Country | OBJECTIVES |
|---|--------------------|--|--|
| Appui aux exploitants agricoles à la lutte contre la dégradation des terres /Support to farmers in the fight against land degradation | AFRICA | Mali,région de Sikasso | Promouvoir la sécurité alimentaire et la lutte contre les effets néfastes des changements climatique/Promoting food security and combating the adverse effects of climate change |
| programme d'agroforesterie villageoise avec des arbres fertilitaires /Village agroforestry program with fertile trees | AFRICA | Sénégal,Togo,Cote d'Ivoire,Burkina,Mali,Cameroun | introduire des arbres fertilitaires dans les champs des paysans/ introduce fertile trees in farmers' fields |
| Project Chacra-Huerto: Regenerating Terra Preta in the Dpt of San Martin, Peru | SOUTHAMERICA | Dpt of San Martin, Lamas Province, Peru | Teach small farmers, both indigenous and mestizo, the 4 per 1000 method to replace slash and burn, teach in 8 high schools as well |
| Projet pilote de restauration des pâturages dégradés | SOUTHAMERICA | Uruguay | |
| Sustainable Agriculture Practices within Integrated Farming Systems | ASIA | India | Climate Smart Agricultural Practices |
| Creations of urban and rural gardens-orchards, demonstrative, educational, inspiring farmers ... | ASIA | Polynésie F. et Iles du Pacifique | Promo. sustainable agricultural production methods + new food based on fruit trees including nuts |
| The integrated action plans and practices on the achievements of "4 per 1000 initiative" in Taiwan | ASIA | Taiwan | 1.Develop soil management methods; 2.Management of crop cultivation; 3.Reuse the organic waste on farmland; 4.Land use changes; 5.Evaluate different strategies and their influences |
| Greening the desert: the experience of MARSADDEV rural development project in Matrouh region, Egypt | MEDITERRANEAN AREA | Matrouh region, Egypt | Educate Farmers, Establish Automated Composting, Establish Support Teams, Establish High Profitability of Methods, Create Demand via Nutrient Density Measurement |
| Rainfed agriculture in Tunisia/Agricultures Pluviales en Tunisie | MEDITERRANEAN AREA | la Tunisie | revisiter les concepts et les bases agronomiques des systèmes de culture pluviaux actuels par l'acquis à l'échelle globale et par la dynamique post-COP 21, notamment l'initiative 4p1000./revisit the agronomic concepts and bases of current rainfed farming systems with the global acquis and post-COP 21 dynamics, in particular the 4p1000 initiative. |
| Ferme laitière bas carbone /Low carbon dairy farm | EUROPE | France | Promotion de leviers d'actions en élevage laitier pour réduire les émissions de CO2 de 20% d'ici 2025, notamment via le stockage de CO2 /Promotion of livestock stock raising to reduce CO2 emissions by 20% by 2025, particularly through CO2 storage |
| Use of agroforestry practices to increase carbon sequestration | EUROPE | Europe | Increase knowledge about agroforestry as a tool to increase carbon sequestration |
| Methods for establishing the full soil food web appropriate to each crop type in the shortest time | INTERNATIONAL | USA, China, South Africa, India, Brazil | Educate Farmers, Establish Automated Composting, Establish Support Teams, Establish High Profitability of Methods, Create Demand via Nutrient Density Measurement |





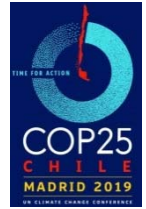
Conclusions & Recommendations of the Task Force

- **Recommendations to the STC to *continue its work*** taking into account the following :
 - ❖ To improve the set of indicators **concentrating mainly in SOC sequestration**, but without forgetting other criteria.
 - ❖ To find a system to allow **self-assessment of projects** by stakeholders to reduce costs and time.
 - ❖ To concentrate to contribute to **create better projects in the line of 4p1000**.
 - ❖ to consider the usefulness of the assessment to the **funders**
- **“Expert opinion/assessment” instead of a “4p1000” label to start.**
- **Elaboration of a questionnaire to the project holders** in order to collect and sort the necessary information for the assessment of the project, in addition to all available documents. Questionnaire to be sent to Task Force for consultation.
- **Finalization of a procedure for assessment of projects** to be sent to the Task Force for consultation





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Call for Projects | 4p1000

4p1000.org/call-projects

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CALL FOR PROJECTS

2019 - "4 PER 1000" CALL FOR FORMATIVE ASSESSMENT OF PROJECTS

2019 - "4 PER 1000" CALL FOR FORMATIVE ASSESSMENT OF PROJECTS

1-Introduction

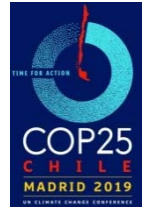
The first call for projects for formative assessment opens on 15 July 2019. It is supported by The World Agroforestry Center.

ENG 12:22 AM
FR 12/11/2019





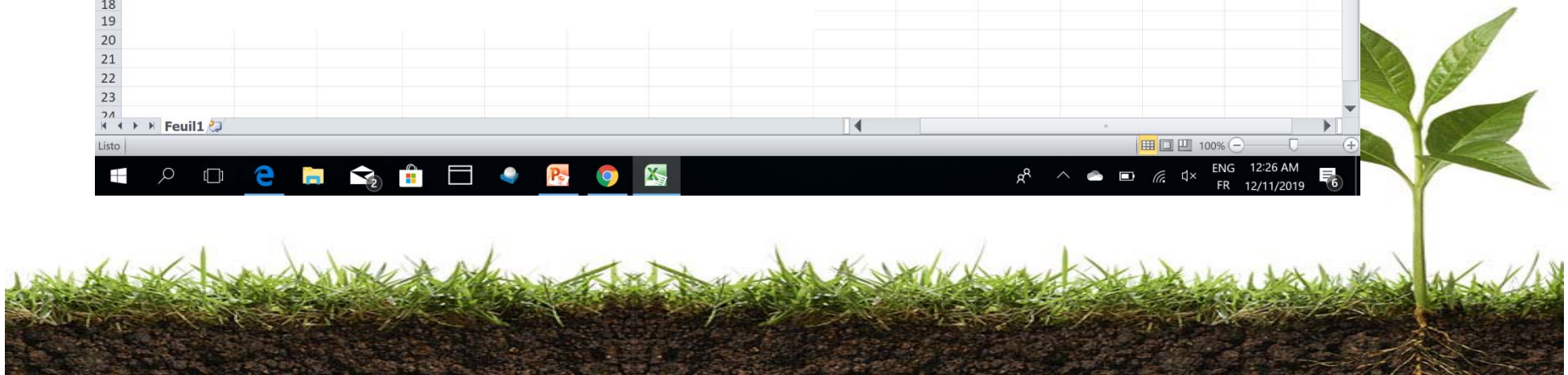
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PROJECTS: 1st call

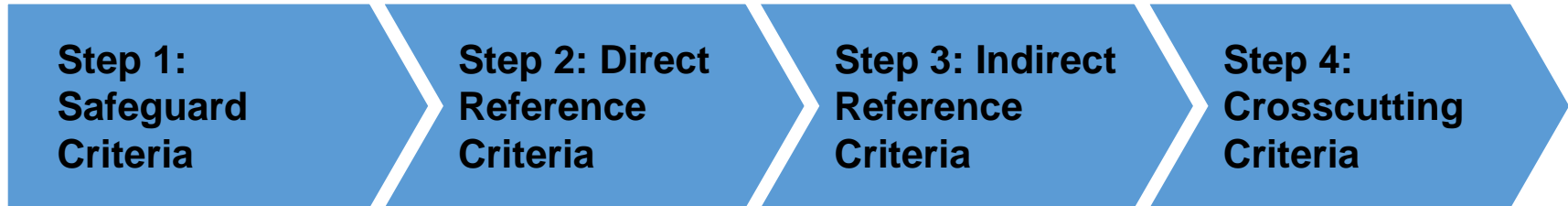
EVALUATION - Microsoft Excel

| | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|----|-------------|----------|-----|-----------|-----|---|---|---|---|---|---|---|---|----|
| 1 | COORDINATOR | LANGUAGE | | EVALUATOR | | | | | | | | | | |
| 2 | MOZAMBIQUE | ENGLISH | MK | CR | | | | | | | | | | |
| 3 | CAMERUN | ENGLISH | LSK | BS | JFS | | | | | | | | | |
| 4 | UK | ENGLISH | MGC | CCH | BM | | | | | | | | | |
| 5 | MALI | FRENCH | LSK | BS | JFS | | | | | | | | | |
| 6 | USA | ENGLISH | BH | DW | YS | | | | | | | | | |
| 7 | R.D. CONGO | ENGLISH | LSK | BS | JFS | | | | | | | | | |
| 8 | France | ENGLISH | MK | CR | | | | | | | | | | |
| 9 | FRANCE | ENGLISH | MK | CR | | | | | | | | | | |
| 10 | NZ | ENGLISH | BH | DW | YS | | | | | | | | | |
| 11 | NZ | ENGLISH | BH | DW | YS | | | | | | | | | |
| 12 | FRANCE | ENGLISH | LW | JK | FA | | | | | | | | | |
| 13 | FRANCE | ENGLISH | LW | JK | FA | | | | | | | | | |
| 14 | ECUADOR | SPANISH | MGC | CCH | BM | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
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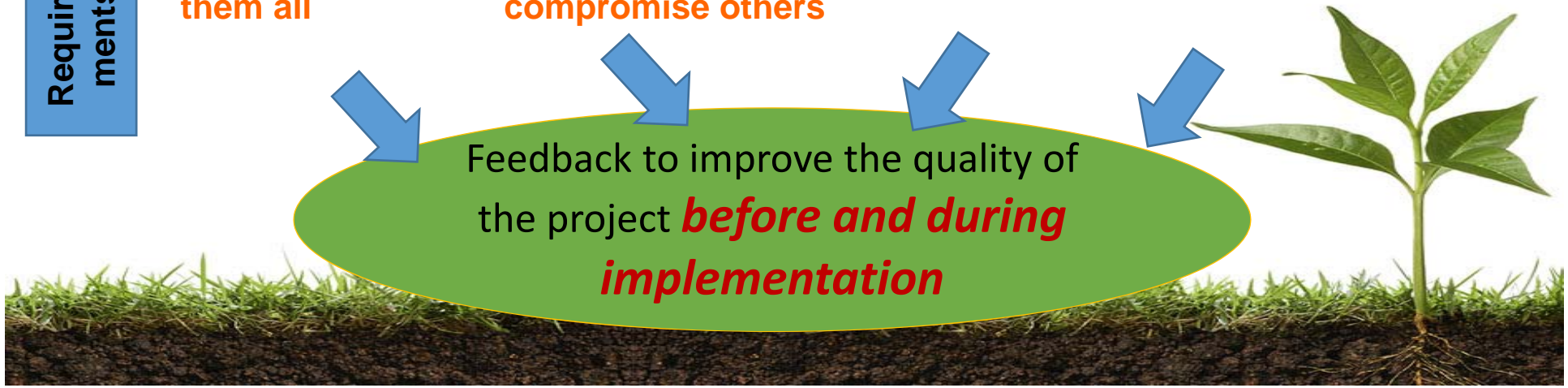
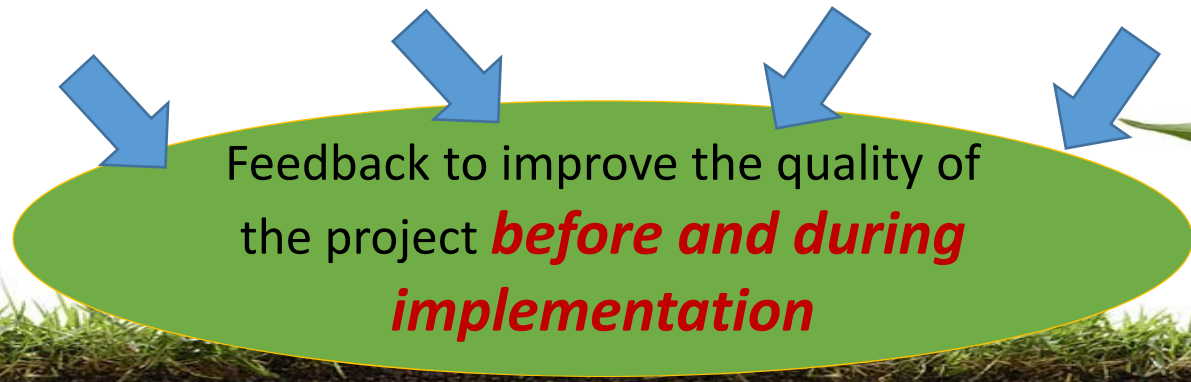
Four evaluation steps



| Contents | <p>Does not compromise</p> <ul style="list-style-type: none"> • human rights • land rights • poverty alleviation | <ul style="list-style-type: none"> • SOC stocks and land degradation neutrality (SDG 15) • Climate change adaptation • Climate change mitigation (SDG 13) • Food security (SDG 2) | <ul style="list-style-type: none"> • Welfare & well-being (SDG 12) • Biodiversity & ecosystem services (SDG 15) • Water and nutrients cycles (SDG 6) | <ul style="list-style-type: none"> • Training and capacity building • Participatory and socially inclusive approaches |
|----------|---|---|---|---|
|----------|---|---|---|---|

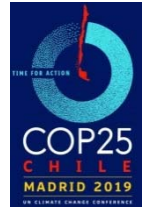
Requirements

- **Need to meet them all**
- **Soil C + does not compromise others**





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Herramientas de tabla

Summary_Project-Evaluation-PFA 11 (1) [Modo de compatibilidad] - Microsoft Word

ina Referencias Correspondencia Revisar Vista Diseño Presentación

SUMMARY OF THE FORMATIVE PROJECT ASSESSMENT BY THE SCIENTIFIC-TECHNICAL COMMITTEE OF THE 4 PER 1000 INITIATIVE

PROJECT DATA

Coordinator

| | | | |
|------------------|-------------------------------|-------------------|--------|
| Name and surname | Anne MOULIS | | |
| Position | Responsible Purchasing Sector | | |
| Institution | NUTRITION & SANTÉ Company | | |
| Address | Route de Castelnaudary | Postal Code | 31250 |
| City | REVEL | Province, Country | FRANCE |
| Telephone | +33 5 62 18 74 76 | | |
| Mail | amoulis@ns-greup.com | | |

Project

| | | | |
|-------|----------------|--|-------------|
| Title | OBJECTIF TERRE | Acronyme | |
| Area | FRANCE | Auvergne-Rhône-Alpes, Centre-Val de Loire, Occitanie | |
| Code | | Initial date / final date | 2019 / 2020 |

Evaluator

| | |
|------------------|------------------------------------|
| Surname and name | Jagdish Ladha & Farshad Amiraslany |
|------------------|------------------------------------|

SUMMARY OF THE FORMATIVE PROJECT ASSESSMENT BY THE SCIENTIFIC-TECHNICAL COMMITTEE OF THE 4 PER 1000 INITIATIVE

Based on the STC-Document "Reference Criteria and Indicators for Project Assessment", the following table summarizes the results of the formative assessment for each category.

| Type of criteria | Reference criteria | Assessment result ¹ | Comments |
|------------------|--|--------------------------------|---|
| Safeguards | Human rights | ☑ | Implementation of conservation agriculture practices likely to not have any adverse impact |
| | Land tenure | ☑ | No problem |
| | Poverty alleviation | ☑ | The CA practices may improve farmers income and employment. |
| Direct | Soil conservation and land restoration | ☑ | The CA practices such as avoiding intensive tillage and providing soil cover with crop residue are known to help reducing soil degradation. |
| | Soil organic carbon stock increase | ☑ | The project aims at increasing SOC but it may not have positive impacts in short term period. The risk is that farmers exit the plan after a few years. |
| | Climate change mitigation | ☑ | CA practices likely to reduce GHG emissions and increase soil C accumulation. |
| | Climate change adaptation | ☑ | If it is implemented for continuous years, then we may expect such adaptation |
| | Food security | ⚡ | Impact not clear |
| Indirect | Biodiversity | ☑ | No tillage with residue much likely to improve soil biodiversity. |
| | Water resources | ☑ | No tillage with residue much likely to improve soil water retention. |
| | Welfare and well being | ⚡ | Not clear |
| Cross-cutting | Inclusive and participatory approach | ☑ | It needs the participation of farmers. |
| | Training and capacity building | ☑ | The promotion of CA practices would enhance capacity of the stakeholders through training and participatory approaches. The project will allocate some time for training the farmers. |

¹Positive: ☑, Neutral: ⚡, Negative: ☒

¹ Online available at https://www.4per1000.org/sites/default/files/indicators-for-project-assessment-form_01.pdf

SUMMARY

Recommendations for the project holder:

Safeguard criteria

There is no indication of negative impacts on safeguard criteria

Direct criteria

The CA practices such as avoiding intensive tillage and providing soil cover with crop residue are known to help reducing soil degradation. However, in absence of information on the extent of area to be covered, it is not possible to provide an estimate. There are doubts about the reduction of land degradation in short term period. The project aims to increase SOC stocks. However in absence of measurements of soil bulk density, the changes in soil organic carbon will be limited to gravimetric basis. It is questioned to have positive impacts in short term period. No details of methods provided. They have not proposed any accurate figures and have referred to findings of other projects if farmers decide to go back to conventional practices of tillage and residue management then the gains of C sequestration likely to disappear.

Indirect criteria

No tillage with residue: much likely to improve soil biodiversity and soil water retention.

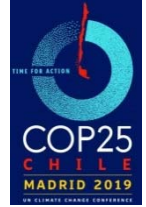
Cross-cutting criteria

There are likely to be some positive benefits in capacity building and training.

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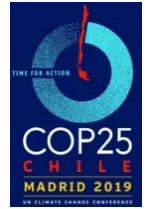
The way forward

- Align to the 4p1000 objectives
- Use self-assessment tools (ExAct, WOCAT)
- Capacity building
- Two phases:
 - 1st eligibility by the Executive Secretariat
 - 2nd assessment by STC (experts)
- Feedback
- Follow up the projects
- Successful stories





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Thank you for your attention

