



Consolidated Performance Indicator and Budget matrix

| Name of CRP  | CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY (CCAFA)  |          |         |        |        |
|--|--|----------|---------|--------|--------|
| Overall contribution to 2022 Targets in 2016 - 2030 SRF: | Number of farm households that have adopted improved varieties, breeds or trees, and/or improved management practices (millions), (with benefits to women – millions). | 12.5 (7) |         |        |        |
|  | Number of people, of which 50% are women, assisted to exit poverty (millions).   | 3,75     |         |        |        |
|  | Additional people, of which 50% are women, meeting minimum dietary energy requirements (millions) (tentative target).  | 3,75     |         |        |        |
|  | Percent reduction in women of reproductive age who are consuming less than the adequate number of food groups (tentative target).                                      | 0,015    |         |        |        |
|  | Reduction of agriculturally-related greenhouse gas emissions compared with 2015 (% and Gt CO <sub>2</sub> e yr <sup>-1</sup> ).  | 0.2 (8%) |         |        |        |
|  | ha of forest saved from deforestation (million).   | 2        |         |        |        |
| <b>Totals at CRP level:</b>                              |  |          | 546 130 | 15 745 | 92 491 |

| Flagship projects (each outcome below is aligned to a specific sub-IDO -underlined)   | Expected Performance Outcomes (numbers cumulate to the totals in 2022) |      |      |      |      |      | Budget Elements (US\$)   |                            |   |   |
|---|--|------|------|------|------|------|--|----------------------------|---|---|
|   | 2017   | 2018 | 2019 | 2020 | 2021 | 2022 | Means of verifying performance against outcomes  | 2017 - 2022 Total (Note A) | Total dedicated to administration/ Management | Total dedicated to ensure gender-responsiveness |
| <b>Flagship 1: <u>Climate Smart Practices and Portfolios</u></b>  |  |      |      |      |      |      |  | 181 943                    | 5 245   | 29 041  |
| Outcome 1.1: <u>Reduced production risks</u> (Number of farm households with reduced production losses related to CC, with increased benefits for women (millions)).  |  |      | 3    |      |      | 8    | Baseline survey of current practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.               | 36 480                     | 1 052   | 4 888   |
| Outcome 1.2: <u>Improved access to financial and other services</u> (Number of farm households with improved access to capital, new business models and novel finance, with increased benefits for women (millions)).   |  |      | 0,8  |      |      | 3,5  | Baseline survey of current financial flows, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.         | 8 315                      | 240   | 565   |
| Outcome 1.3: <u>Increased access to productive assets, including natural resources</u> (Number of sub-national organisations and institutions that are adapting their plans and directing investment towards climate-smart food systems to increase equitable access to productive assets). | 5  | 10   | 25   | 30   | 40   | 53   | Baseline survey of organisational practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations. | 29 529                     | 851   | 2 835   |
| Outcome 1.4: <u>Improved forecasting of impacts of climate change and targeted technology development</u> (Number of site specific targeted CSA technologies/ portfolios tested, with all options examined for their gender implications).  | 15   | 20   | 30   | 40   | 50   | 60   | Outcome statements from projects and external check thereof.   | 41 046                     | 1 183   | 5 295   |
| Outcome 1.5: <u>Enhanced capacity to deal with climatic risks, extremes</u> (Number of farm households with strengthened adaptive capacity and food security, with increased benefits for women (millions)).  |  |      | 3    |      |      | 8    | Baseline survey of adaptive capacity, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.               | 38 372                     | 1 106   | 5 027   |
| Outcome 1.6: <u>Gender-equitable control of productive assets and resources</u> (Number of households where women have increased control over productive assets and resources (million)).   |  |      | 1,5  |      |      | 4    | Baseline survey of women's control, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.                 | 26 382                     | 761   | 10 236  |
| Outcome 1.7: <u>Increased capacity of beneficiaries to adopt research outputs</u> (Number of key next user agencies of research outputs that demonstrate progress on at least two of five core capabilities to adopt research outputs).   | 1  | 2    | 4    | 6    | 9    | 12   | Baseline of current capacity, key informants in next user groups, evidence in correspondence, strategies showing link to ToC.  | 1 819                      | 52  | 195   |



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| Flagship projects (each outcome below is aligned to a specific sub-IDO - underlined)  | Expected Performance Outcomes (numbers cumulate to the totals in 2022) |      |      |      |      |      | Means of verifying performance against outcomes  | Budget Elements (US\$)     |   |   |
|---|--|------|------|------|------|------|--|----------------------------|---|---|
|   | 2017   | 2018 | 2019 | 2020 | 2021 | 2022 |  | 2017 - 2022 Total (Note A) | Total dedicated to administration/ Management | Total dedicated to ensure gender-responsiveness |
| <b>Flagship 2: <u>Climate Information Services and Climate-Informed Safety Nets</u></b>   |  |      |      |      |      |      |  | 107 071                    | 3 087   | 20 879  |
| Outcome 2.1: <u>Improved access to financial and other services</u> (Number of farm households with improved access to weather-related insurance, with increased benefits for women (millions)).  |  |      | 4    |      |      | 8    | Baseline survey of current insurance products and reach, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.                                      | 24 626                     | 710   | 3 694   |
| Outcome 2.2: <u>Improved forecasting of impacts of climate change and targeted technology development</u> (Number of national/state governments or regional bodies using climate-based seasonal agricultural prediction and early warning to improve planning, food security intervention). | 4  | 8    | 12   | 15   | 18   | 20   | Baseline survey of organisational practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations.   | 18 202                     | 525   | -   |
| Outcome 2.3: <u>Enhanced capacity to deal with climatic risks, extremes</u> (Number of farm households with strengthened adaptive capacity and food security, with increased benefits for women (millions)).  |  |      | 6,5  |      |      | 15   | Baseline survey of adaptive capacity, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.   | 43 899                     | 1 266   | 6 585   |
| Outcome 2.4: <u>Enabled environment for climate resilience</u> (Amount of new investments by national, regional and global agencies, that is informed by CCAFS science and engagement (\$ million invested)).   | 13   | 26   | 39   | 52   | 65   | 80   | Baseline database of investments in climate information services (with GACSA and WMO), strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations. | 6 424                      | 185   | 642   |
| Outcome 2.5: <u>Participation in decision-making</u> (Number of households where women's participation in decision making has improved – in decisions over own labor, over own income and in groups or collective organization (million)).  |  |      | 3,25 |      |      | 7,6  | Baseline survey of women's participation in decision-making, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.                                  | 12 848                     | 370   | 9 636   |
| Outcome 2.6: <u>Increased capacity of beneficiaries to adopt research outputs</u> (Number of key next user agencies of research outputs that demonstrate progress on at least two of five core capabilities to adopt  | 1  | 2    | 4    | 6    | 9    | 12   | Baseline of current capacity, key informants in next user groups, evidence in correspondence, strategies showing link to ToC.  | 1 071                      | 31  | 321   |
| <b>Flagship 3: <u>Low Emissions Development (LED)</u></b>   |  |      |      |      |      |      |  | 123 324                    | 3 555   | 24 295  |
| Outcome 3.1: <u>Improved access to financial and other services</u> (Number of farm households with improved access to capital, new business models and novel finance, with increased benefits for women (millions)).   |  |      | 1    |      |      | 2    | Baseline survey of current financial flows, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.   | 14 799                     | 427   | 2 960   |
| Outcome 3.2: <u>More efficient use of inputs</u> (Number of farm households with more efficient use of inputs, with increased benefits for women (millions)).   |  |      | 3,25 |      |      | 8,8  | Baseline survey of current practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.   | 14 799                     | 427   | 2 960   |
| Outcome 3.3: <u>Land, water and forest degradation</u> (including deforestation) minimized and reversed (Number of hectares where deforestation has been avoided (millions)).   |  |      | 1    |      |      | 2    | Use of 1-3 global forest monitoring systems to track deforestation, strategies showing link to ToC, outcome statements from projects and external check thereof, ep-IA.  | 18 499                     | 533   | 1 850   |
| Outcome 3.4: <u>Reduced net greenhouse gas emissions from agriculture, forests and other forms of land use</u> (Gt CO2e/yr).  |  |      | 0,1  |      |      | 0,2  | Use of GHG calculators to track GHG emissions in relation to practices, baseline survey of practices, strategies showing link to ToC, outcome statements from projects and external check thereof, ep-IA.      | 49 330                     | 1 422   | 7 399   |
| Outcome 3.5: <u>Increased above and below ground biomass for carbon sequestration</u> (Gt CO2e yr-1).   |  |      | 0,3  |      |      | 0,89 | Use of carbon models to track changes in relation to practices, baseline survey of practices, strategies showing link to ToC, outcome statements from projects and external check thereof, ep-IA.              | 12 332                     | 356   | 2 590   |
| Outcome 3.6: <u>Participation in decision-making</u> (Number of households where women's participation in decision making has improved – in decisions over own labor, over own income and in groups or collective organization (million)).  |  |      | 2,25 |      |      | 4,4  | Baseline survey of women's participation in decision-making, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey and ep-IA.                                  | 12 332                     | 356   | 6 166   |
| Outcome 3.7: <u>Increased capacity of beneficiaries to adopt research outputs</u> (Number of key next user agencies of research outputs that demonstrate progress on at least two of five core capabilities to adopt research outputs).   | 1  | 2    | 4    | 6    | 9    | 12   | Baseline of current capacity, key informants in next user groups, evidence in correspondence, strategies showing link to ToC.  | 1 233                      | 36  | 370   |



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| Flagship projects (each outcome below is aligned to a specific sub-IDO - underlined)   | Expected Performance Outcomes (numbers cumulate to the totals in 2022) |      |      |      |      |      | Means of verifying performance against outcomes   | Budget Elements (US\$)     |   |   |
|--|--|------|------|------|------|------|---|----------------------------|---|---|
|  | 2017   | 2018 | 2019 | 2020 | 2021 | 2022 |   | 2017 - 2022 Total (Note A) | Total dedicated to administration/ Management | Total dedicated to ensure gender-responsiveness |
| <b>Flagship 4: <u>Food System Governance Under Climate Change</u></b>  |  |      |      |      |      |      |   | 133 792                    | 3 857   | 18 276  |
| Outcome 4.1: <u>Optimized consumption of diverse nutrient-rich foods</u> (Number of organisations and institutions in selected countries/states adapting plans and directing investment towards climate- and nutrition-smart food systems to optimise consumption of diverse nutrient-rich foods).                     | 0  | 2    | 5    | 10   | 18   | 35   | Baseline survey of organisational practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations.            | 45 489                     | 1 311   | 9 098   |
| Outcome 4.2: <u>Improved forecasting of impacts of climate change and targeted technology development</u> (Number of countries/states where CCAFS projections and priority setting used to target and implement technology interventions in food systems / value chains (priority setting)).                           | 4  | 8    | 12   | 16   | 20   | 25   | Baseline survey of current country situation, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of countries.               | 28 096                     | 810   | -   |
| Outcome 4.3: <u>Enabled environment for climate resilience</u> (Number of global/regional organisations that have increased their equitable institutional investments in climate smart food systems).  | 2  | 4    | 7    | 10   | 12   | 14   | Baseline survey of organisational investment practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations. | 22 745                     | 656   | 1 820   |
| Outcome 4.4: <u>Enabled environment for climate resilience</u> (Amount of new investments by national, regional and global agencies, that is informed by CCAFS science and engagement (\$ million invested)).  | 20   | 60   | 100  | 200  | 350  | 400  | Baseline database of investments in CSA (with GACSA), strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations.   |                            |   |   |
| Outcome 4.5: <u>Gender-equitable control of productive assets and resources</u> (Number of national/state organisations and institutions that are adapting their plans and directing investments towards climate-smart food systems to increase women's access to, and control over, productive assets and resources). | 1  | 2    | 4    | 8    | 13   | 25   | Baseline survey of organisational practices, strategies showing link to ToC, outcome statements from projects and external check thereof, resurvey of organisations.            | 34 786                     | 1 003   | 6 957   |
| Outcome 4.6: <u>Increased capacity of beneficiaries to adopt research outputs</u> (Number of key next user agencies of research outputs that demonstrate progress on at least two of five core capabilities to adopt research outputs).  | 1  | 2    | 4    | 7    | 10   | 14   | Baseline of current capacity, key informants in next user groups, evidence in correspondence, strategies showing link to ToC.   | 2 676                      | 77  | 401   |