**Annex 2d. Project timelines**

Table 1. Project timelines

|  | **Q1** | **Q2** | **Q3** | **Q4** | **Q5** | **Q6** | **Q7** | **Q8** | **Q9** | **Q10** | **Q11** | **Q12** | **Q13** | **Q14** | **Q15** | **Q16** | **Q17** | **Q18** | **Q19** | **Q20** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Component 1. Technical and institutional capacity building to plan, design, implement and maintain integrated urban Ecosystems-based Adaptation (EbA) interventions for the reduction of climate change-induced flooding** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Output 1.1 Strengthening of institutional capacity for integrated flood risk management and implementation of urban ecosystems-based adaptation and males and females with increased awareness of climate threats* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Activity 1.1.1 Build the capacity of national and local representatives for using urban EbA to manage climate change-induced flooding. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Capacity building of national and local representatives will continue for the duration of the project and end in Q20. | | | | | | | | | | | | | | | | | | | |
| Activity 1.1.2 Establish a national knowledge hub that produces and disseminates information on urban EbA interventions locally, regionally and internationally. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | A national knowledge hub will be established and continue to operate beyond the project lifetime | | | | | | | | | | | | | | | | | | | |
| Activity 1.1.3 Conduct awareness-raising campaigns in each of the four target cities for communities and the private sector on urban EbA and flood management. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Awareness raising campaigns will be designed by Q4 and awareness raising will continue for the duration of the project lifetime, ending in Q20. | | | | | | | | | | | | | | | | | | | |
| *Output 1.2 Integrated Climate-resilient Flood Management Strategies and urban EbA guidelines developed for Vientiane, Paksan, Savannakhet and Pakse, and effective Flood Risk Management Committees as coordination mechanisms* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Activity 1.2.1 Conduct economic valuation of urban ecosystem services. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Economic valuation of ecosystems completed by Q11 | | | | | | | | | | |  | | | | | | | | |
| Activity 1.2.2 Conduct hydrological assessments and climate risk assessments to inform climate change adaptation solutions for flood management in Vientiane, Paksan, Savannakhet and Pakse. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Hydrological and climate risk assessments completed by Q7 | | | | | | |  | | | | | | | | | | | | |
| Activity 1.2.3 Develop the ICFMS and mainstream climate change and urban EbA into relevant policies, guidelines and plans. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | ICFMS for each target city developed by Q20 | | | | | | | | | | | | | | | | | | | |
| Activity 1.2.4 Develop national urban EbA guidelines for Laos. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | National urban EbA guidelines developed by Q8 | | | | | | | |  | | | | | | | | | | | |
| **Component 2. Rehabilitation and protection of ecosystem in response to climate variability and change** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Output 2.1 Area of wetland restored contributing to flood reduction and sustainable management of the Nong Peung wetland in Paksan* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Activity 2.1.1 Develop a wetland management plan for Nong Peung wetland in Paksan. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Wetland management plan developed by Q6 | | | | | |  | | Wetland management plan updated in Q10, Q14, Q17 and Q20 based on monitoring findings | | | | | | | | | | | |
| Activity 2.1.2 Rehabilitate the Nong Peung wetland. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Target area in Nong Peung wetland rehabilitated by Q20 | | | | | | | | | | | | | | | | | | | |
| *Output 2.2 Area of urban streams restored contributing to flood reduction and sustainable management of urban streams in Savannakhet and Pakse* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Activity 2.2.1 Restore natural urban streams in Savannakhet and Pakse. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Target natural urban streams in Savannakhet and Pakse restored by Q20 | | | | | | | | | | | | | | | | | | | |
| Activity 2.2.2 Develop management plans for restored urban streams in Savannakhet and Pakse |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Management plans developed by Q6 | | | | | |  | | Management plans reviewed and updated in Q12, Q16 and Q20 | | | | | | | | | | | |
| *Output 2.3 Area of permeable paving solutions installed in public areas contributing to flood reduction in Vientiane, Paksan, Savannakhet and Pakse* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Activity 2.3.1 Design permeable paving solutions for public areas in Vientiane, Paksan, Savannakhet and Pakse. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Permeable paving solutions for target cities designed by Q9 | | | | | | | | |  | | | | | | | | | | |
| Activity 2.3.2 Install permeable paving in public areas in Vientiane, Paksan, Savannakhet and Pakse. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Deliverable** | Permeable paving solutions installed in target cities by Q12 | | | | | | | | | | | |  | | | | | | | |

**Sequencing of project activities**

*Component 1*

Capacity building activities to be implemented under Component 1 will continue for the duration of the project. Activity 1.2.1 will commence in Year 2 of project implementation and will be informed by the hydrological assessments that will be conducted under Activity 1.2.2. These hydrological assessments will inform the development of ICFMS (Activity 1.2.3) and national urban EbA guidelines (Activity 1.2.4), which will begin in the final quarter of Year 1. Both the ICFMS and urban EbA guidelines will be reviewed and updated at intervals during project implementation. The ICFMS and urban EbA guidelines will be finalised by Q20.

*Component 2*

The development of the wetland management plan (Activity 2.1.1), urban stream management models (Activity 2.2.2) and design of the permeable paving solutions (Activity 2.3.1) will commence in the second quarter of Year 1. The management plans will be used to inform and guide rehabilitation of the Nong Peung wetland (Activity 2.1.2) and the restoration of natural urban streams in Savannakhet and Pakse (Activity 2.2.1); both of these activities will begin in Year 2 of project implementation to allow time for the management plans to be developed. Additionally, the installation of permeable paving solutions will begin at some sites in the last quarter of Year 1. As soon as technical designs for these solutions have been completed (under Activity 2.3.1), installation will begin. As a result, installation of permeable paving solutions may begin earlier at some sites as designs are completed and validated. Installing the permeable paving solutions in the first half of the project period will allow time for sufficient assessment of these interventions to take place during the project.

Table 2. Reporting timelines

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Reporting requirements** | | | | | | | | | | | | | | | | | | | | | |
| AE to GCF: APRs and Financial information | Annually (by 28 February of each year) | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  |
| AE to GCF:  Inception report | 12 months from effective start date |  |  |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AE to GCF:  Interim independent evaluation report | Halfway through the project period |  |  |  |  |  |  |  |  |  |  | **x** |  |  |  |  |  |  |  |  |  |
| AE to GCF:  Project completion report/Final APR | 6 months after date of project completion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 mo. post Q20 |
| AE to GCF:  Final independent evaluation report | 9 months after date of project completion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9 mo. post Q20 |
| EE to AE:  Project progress report | Semi-annually (by 30 July of each year) |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |
| EE to AE:  Annual performance reports | Annually (by 1 February of each year) | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  | **x** |  |  |  |
| EE to AE:  Final report | 3 months after project completion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE to AE:  Financial report | Quarterly | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| EE to AE:  Final statement of accounts | Within 3 months after completion of activities. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |