## VIETNAM SOLID WASTE MANAGEMENT PROJECT

Draft Step 1 Activities and Work Plan

| Date  |     | Location  | Event  | Objective   | Output/Result  | Follow-Up Actions   |                |
|-------|-----|---|--|---|--|---|----------------|
|       | ale | Location  | Event  |   |  | Action  | Responsibility |
| March | 6   |   | Mission team<br>meeting with<br>ACVN   | Review VTA ToRs Agree VTA Experts for design of compost pilot projects  | Mission Agenda adjusted/finalized VTA ToRs agreed VTA experts agreed for design of compost pilot projects  | None  None  Contractual arrangements to be completed  | ACVN           |
|       | 7   | Hanoi   | Meeting with<br>Ministry of<br>Science and<br>Technology   | Learn about Ministry role in setting/monitoring waste sector standards and evaluating/ recommending waste sector technology   | Mission team gained understanding of Ministry role in setting waste sector standards   | Further information on Ministry actions to evaluate sector technology                       | ACVN           |
|       |     |   | Meeting with<br>Ministry of<br>Agriculture and<br>Rural<br>Development   | Learn about Ministry role in regulating compost and organic fertilizers   | Mission team gained understanding of Ministry role in regulating organic fertilizers (Circular 41/2014 / TT-BNNPTNT guiding Decree 202/2013 / ND-CP on fertilizer management under the State management responsibility of the Ministry of Agriculture and Rural Development) | None  |                |
|       | 8   | Hoi An  | City of Hoi An Department of Natural Resources and Environment (DONRE)   | Review of Agenda for activities in Hoi An   | Agreed agenda for activities   | None  |                |
|       | 9   | Site visit to Cam<br>Ha landfill and<br>treatment<br>facility | Familiarize the mission<br>team with current<br>operational status and<br>activities at the landfill and<br>the treatment facility | Mission team familiarity<br>with landfill and treatment<br>facility achieved  | None   |   |                |
|       | 10  |   |  |   |  |   |                |
|       | 11  | Tam Ky<br>Hoi An  | Meet with Province of Quang Nam Team meeting with City   | Obtain agreement (verbal) of Province with VnSWM objectives and activities  Finalize arrangements for   | Province of Quang Nam (Vice-Chairman of Peoples Committee) signalled agreement for discussions Arrangements finalized  | Formal agreements between FCM, ACVN and participants to be completed                        | FCM and ACVN   |
|       | 12  | Hoi An  | Technical discussion on landfill gas control and rehabilitation Meet with City and DONRE   | technical discussions  Project to receive direction on the future use of Cam Ha landfill to inform gas control/rehabilitation actions Agree workplan to September 2019 to control landfill gas/rehabilitate | -  | Recommendation of meeting to be formalized by city/provincial stakeholders Updated workplan | monitor        |

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|      | 13 | Hoi An           | Technical discussion on compost pilot project Meet with City and DONRE                                | landfill Project to receive stakeholder input to inform the design of pilot project to collect, transport and compost organic waste Agree workplan to September 2019 to plan/implement pilot composting project | Inputs received Workplan agreed  | VTA to include<br>stakeholder<br>inputs, as<br>appropriate, in<br>design of pilot<br>project<br>Updated workplan<br>to be forwarded<br>to City of Hoi An | VTA; ACVN to<br>monitor/ review<br>output<br>Mission team/<br>ACVN |
|      | 14 | Hoi An<br>Danang | Meet with City  Meet with VTA applicant  Meet with VTA applicant                                      | Review MSWM strategy<br>and workplan<br>Determine qualification of<br>survey VTA applicant<br>Determine qualification of<br>landfill gas VTA applicant  | Strategy objective and workplan agreed  Qualification of survey VTA applicant confirmed  Qualification of landfill gas VTA applicant confirmed | Updated workplan to be forwarded to City of Hoi An Applicant to submit proposal Applicant to submit proposal   | Mission team/<br>ACVN<br>Applicant, ACVN<br>Applicant, ACVN        |
|      | 15 | Hanoi            | Meet with Ministry of Natural Resources and Environment (MONRE)                                       | Share information and perspectives on Extended Producer Responsibility, circular economy and plastics management  | Information shared; basis established for effective relationship with MONRE  | Maintain dialogue,<br>as appropriate,<br>with MONRE  | ACVN/FCM   |
|      | 16 |                  | Meet with<br>ACVN   | Debrief on activities and results achieved during the mission   | ACVN advised of activities and results   | None   |  |
|      | 17 | Bac Giang        | Site visit to<br>landfill and<br>Dong Son<br>commune  | Familiarize the mission team with current operational status and activities at the landfill and context of the commune  | Mission team familiarity<br>with landfill and commune<br>achieved  | None   |  |
|      | 18 | Bac Giang        | Meet with City<br>of Bac Giang<br>Meet with<br>Province of Bac<br>Giang                               | Finalize arrangements for technical discussions  Obtain agreement (verbal) of Province with VnSWM objectives and activities   | Arrangements finalized Province of Bac Giang (Vice-Chairman of Peoples Committee) signalled agreement for discussions                          | Formal agreements between FCM, ACVN and participants to be completed   | FCM and ACVN   |
|      | 19 |                  | Meet with<br>PMU2   | Finalize arrangements for technical discussions   | Objectives of technical discussions confirmed, agenda finalized and logistical arrangements established  | None   |  |
|      | 20 |                  | Technical discussion on landfill gas control and municipal waste strategy Meet with city stakeholders | Agree approach to landfill gas (including methane) control/management and related landfill rehabilitation Agree approach for development of municipal solid waste management                                    | Agreement that VnSWM will assume optimization of the area/airspace at the existing landfill  The provincial Department                         | Develop concept<br>drawings to<br>optimize the<br>landfill, including<br>gas management<br>and related<br>operations                                     | FCM Municipal<br>volunteers<br>CTA                                 |

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|      |     |                    |   | strategy  | of Construction has developed a municipal waste management strategy in 2013 and this is updated every 5 years.   | With provincial agreement, review/comment on municipal solid waste strategy from the perspective of GHG' Develop city waste strategy based on (among other items) optimization of current landfill | СТА   |
|      | 21  | Bac Giang<br>Hanoi | Technical<br>discussion on<br>compost<br>demonstration<br>project<br>Debrief with<br>ACVN | Confirm location for the demonstration project; agree the components of the project and the items to be clarified in project design Provide mission feedback and agree next steps with ACVN | Location confirmed<br>(Commune of Dong Son);<br>project components<br>identified and work of VTA<br>to design project confirmed<br>Feedback provided, next<br>steps agreed | Develop detailed project plan  Actions to be implemented in accordance with responsibilities and timing in this document   | VTA; ACVN to<br>monitor/review<br>output<br>FCM, ACVM,<br>VTA, CTA, FCM<br>Volunteers |
|      | 22  | Hanoi              | Follow-Up with<br>ACVN<br>Coordinator   | Ensure clarity of next steps<br>by ACVN and CTA   | Agreement on next steps  | Actions to be implemented in accordance with responsibilities and timing in this document  | FCM, ACVM,<br>VTA, CTA, FCM<br>Volunteers   |