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smart_{met} 

Project abstract

Hydroko NV

Contactor Details	Type/ size of legal entity	Place of performance of contract activities	Logo
<p><u>Main contractor</u></p> <p>Hydroko NV</p> <p>Oudemanstraat 14, Kapelle-op-den-Bos, Belgium</p> <p>Jan Van Cappellen</p> <p>+32477440080</p> <p>Jan.vancappellen@hydroko.com</p>	<p>SME</p>	<p>% of contract value allocated to main contractor:</p> <p>[100] %</p> <p>% of activities for the contract performed by the main contractor in EU Member States or countries associated with Horizon 2020:</p> <p>[100] %</p>	
<p><u>Other consortium member(s) (if applicable)</u></p> <p>N.A.</p> <p><i>Complete as many times as there are other consortium members</i></p>		<p>% of contract value allocated to contractor [-]: [0] %</p> <p>% of activities for the contract performed by contractor [-] in EU Member States or countries associated with Horizon 2020: [0] %</p>	
<p><u>Subcontractors (if applicable)</u></p> <p>N.A.</p> <p><i>Complete as many times as there are subcontractors</i></p>	<p>SME, larger company, natural person, university / research institute, other</p>	<p>% of contract value allocated to subcontractor [-]:</p> <p>[0] %</p> <p>% of activities for the contract performed by subcontractor [-] in EU Member States or countries associated with Horizon 2020: [0] %</p>	

<p>Project abstract (+/- 1000 characters maximum)</p> <p><u>Phase1</u>: Feasibility study on developing a cost-effective, efficient interoperable Smart Water Metering System following SMART-MET guidelines</p> <p><u>Abstract</u>: In order to be able to build and demonstrate a prototype (Phase 2), technical development choices should be investigated. All key design elements will be investigated and assessed with respect to the SMART-MET requirements. The technical topics focus on different LPWAN-solutions, energy consumption budget and battery autonomy, form factor restrictions and water-meter technology. This study will result in a draft mechanical concept design.</p> <p>In this phase Hydroko will initiate a privacy and cyber-security assessment in order to be able to develop the product, following the “Privacy by Design “-guidelines. This will result in a cyber-security risk mitigation guideline, to be used during the entire development process.</p> <p>Finally, a preliminary device cost- and TCO calculation will be conducted.</p>			
<p>Previous EU funding</p> <p>Is the project based on / a continuation of R&D activities that were previously funded by the EU?: NO</p> <p>If yes, identify this EU funding: [-] — [-] — [-]</p>			