

Smart JAMP(2021) Master Plan Study for the Realization of Smart City in Vientiane Capital, Lao People's Democratic Republic

Category of Issues in the Area



Target Area	<ul style="list-style-type: none"> Vientiane Capital, Lao People's Democratic Republic
Background and Purpose	<ul style="list-style-type: none"> Vientiane Capital has participated in ASEAN Smart City Network (ASCN) since its establishment (2018), and worked on smart city development. The government has intention to implement Smart City Development by planning a promotion of smart city development and the utilization of digital and smart technologies in 9th Socio-Economic Development Five-Year Plan (2021-2025). Based on an official proposal letter from MPWT and DPWT in February 2021, MLIT launched study for a smart city master plan which shows development vision & policy, and action programs with utilization of Japanese technology.
Related Organization	<ul style="list-style-type: none"> DPWT (Dept. of Public Works and Transport of Vientiane Capital), DOTC (Dept. of Tech. and Communication of Vientiane Capital), DICT (Dept. of Info., Culture and Tourism of Vientiane Capital), DONRE (Dept. of Natural Resources and Environment of Vientiane Capital), VCOMS (Vientiane City Office for Mgmt. and Service), MPWT (Ministry of Public Works and Transport of Laos PDR), DOFA (Dept. of Foreign Affairs of Vientiane Capital), Vientiane Capital Office
Project Stage	<ul style="list-style-type: none"> Master Plan Study
Contents and Results	<ol style="list-style-type: none"> Needs and Seeds Survey <ul style="list-style-type: none"> In addition to reviewing existing plans and initiatives, the needs of Vientiane Capital were identified through questionnaires to relevant organizations and working groups. Identified their willingness to participate and the technologies (seeds) they possess through questionnaires and interviews with Japanese companies. Vientiane Smart City Master Plan and Priority Project Formulation <ul style="list-style-type: none"> Under the vision of Smart CAPITAL ~Capital City, Regional Hub, Eco City~, a master plan using smart technology was formulated to address issues in each of the five areas of "urban development," "transportation," "tourism," "environment," and "society," with 2030 set as the target year. 14 Action Programs were proposed as short-term initiatives, and implementation plans for three priority projects were reviewed as high-potential priority projects: "Smart Land Management System Project", "Smart Traffic Monitoring Project" and "Smart Streetlighting Project" Seminars <ul style="list-style-type: none"> Seminars were held for Vientiane Capital and Japanese companies in order to share the Smart City Master Plan and promote exchanges with the private sector.

VISION : SMART CAPITAL

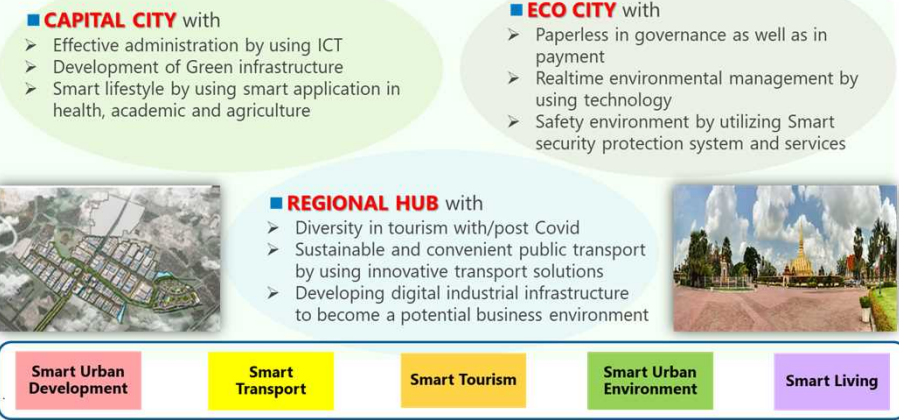


Figure1 : Master Plan Outline



<p>AP01: Greenfield Development</p> <p>AP02: Smart Industrial Park</p> <p>AP03: E-government on Urban Development</p>	<p>AP04: Smart Traffic Control</p> <p>AP05: Smart Public Transport</p>	<p>AP06: Smart Mobility for Tourism</p> <p>AP07: With/Post COVID Tourism</p>	<p>AP08: Smart Water Supply</p> <p>AP09: Inner Flood Mapping System</p> <p>AP10: Smart Waster Collection</p> <p>AP11: Waste Utilization</p>	<p>AP12: Smart Health</p> <p>AP13: Smart Farming</p> <p>AP14: Digital Payment</p>
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Figure 2 : Priority Projects Outline