

## Vientiane

### About the City

<b>Land Area</b>	130 km <sup>2</sup>
<b>Population</b>	821,000
<b>Density</b>	6315 / km <sup>2</sup>

#### Chief Smart City Officer



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### Smart City Action Plan

#### VISION

Vientiane Capital is the centre of economic, industrial and cultural activities with natural environment. The administration of Vientiane Capital envisages the importance of environmental friendly urban development by declaring the development vision based on six indicators: peace, clean, green, light, charm and prosperity.

Vientiane Capital's smart city action plan involves organizing E-governance such as Government Cloud+Internet, Smart government+Smart Talent, Smart Tourism, Smart Transportation, Smart Campus, and GIS+Land Management, and improving green transport, security, quality environment, built infrastructure, Industry & Innovation with high technology solutions. In overall, the project is aiming at improving quality of people's lives in Vientiane Capital for their future.

#### FOCUS AREAS

- **Health and Well-being**
  - Vientiane aspires to improve the lives of the people by developing Vientiane as a liveable city based on the balance of multiple indicators namely; peace, clean, green, light, charm and prosperity
  - A focus on fields such as education, public health, good transport, housing, public security and happiness are also crucial in developing Vientiane as a liveable city
- **Quality Environment**
  - In addition to ensuring abundance of water and greenery in developing a liveable city, there is a need to focus on environmental health, in particular, waste management to ensure a clean city with fresh air and clean water
  - The function of disaster prevention is also important. It is necessary to prepare the city prepared for disasters including fire and water damage by flood



- **Built infrastructure**

- Built infrastructure is one of priority projects in Vientiane Capital to promote economic growth
- Urban expansion and built infrastructure are essential as it needs to cater to the needs of increasing population
- The guideline to build infrastructure in Vientiane is based on protecting environment, keeping green areas, uniformity in scenery, and bring public profits to people
- Therefore, the basic principle of the guideline of Vientiane for building construction is to achieve a good balance between realization of the urban planning concept and realization of the investment environment in which investors can easily participate, by setting flexible regulations

**STRATEGIC TARGETS**

- Good public healthcare system
- Easy access to public services with e-government applications
- Affordable housing schemes
- Clean environment
- Urban resilience with fewer flooding incidents.

**Smart City Project 1**  
**Establishment of Drainage System**

**OVERVIEW**

Incorporating drainage management systems into the city Master Plans and socio-economic development plans, Vientiane Capital aims to effectively improve the operation and maintenance of the drainage system. Each year, the city is flooded for at least 5 months. The existing master plan doesn't capture information on the drain infrastructure, resulting in data gap among government agencies. An upgraded drainage system can increase Vientiane Capital's urban resilience with fewer flooding incidents. Support in the form of funding for the operation and maintenance of drainage systems, and strong enforcement of development control is required.

**SUPPORT REQUIRED**

- Funding support
- Technical support on master planning



**Smart City Project 2  
Sustainable Transport Plan**

**OVERVIEW**

Increasing population, poor road quality, and inadequate public transport systems have resulted in traffic congestion on Vientiane Capital’s streets. Vientiane Capital needs to synchronise its Sustainable Transport Plan with its Master Plan to ensure better landuse and transport integration. The city seeks to collaborate with key stakeholders such as private transport corporations and local transport department to identify underlying transport issues and develop a strategic roadmap specifying the short-term and long-term action plans.

**SUPPORT REQUIRED**

- Consulting support to identify underlying issues
- Development of a strategic roadmap consisting of transport-focused action plans

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