Since every city has specific characteristics, smart city applications are not transferable without adaption to its context. The *Smart City Application Blueprint Template* at hand supports such an adaption well. The template guides through the problem-solving cycle and assists in the abstraction and concretization process of a smart city application and with that help in the adaption process.

The blueprint template covers important categories along the value chain of smart city applications. The objective of the blueprint template is to create a description of the system without enforcing specific implementation methods. It considers processes, architecture views, hardware, software, possible project and communication plans. Further aspects support the creation of public value within a smart city application as well as the operation and optimization of an application set in place.

The worksheets in this document cover two of the most important aspects of the complete blueprint:

- **The Smart City One-Pager**, giving a summary and overview of the blueprint and its use case. The One-Pager guides through the development of the application and shows which aspects need to be re-evaluated when adapting an existing blueprint to another city.

- **The Smart City Canvas.** Based on Osterwalder & Pigneur's Business Model Canvas (BMC) – a well-recognized tool in the business world for the creation of innovations and the associated development of new business fields – it helps a city to capture the essence of the planned application. Its focus is not in creating profit like the BMC, but rather in creating public value.

*These worksheets can be used in workshops with city officials.*

References:


- CPaaS.io Website: https://cpaas.io/?page_id=1169#blueprint_template

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# Smart City Blue Print One-Pager

## Value Proposition – Creation of Public Value

## Requirement specification

<table>
<thead>
<tr>
<th>Ownership / Contact</th>
<th>Data collection</th>
<th>Data carriage</th>
<th>Data storage</th>
<th>Data analytics</th>
<th>Data market place</th>
<th>Application layer</th>
</tr>
</thead>
<tbody>
<tr>
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<td>[] yes</td>
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### Affected:

**Data collection**: [ ] yes  
**Data carriage**: [ ] yes  
**Data storage**: [ ] yes  
**Data analytics**: [ ] yes  
**Data market place**: [ ] yes  
**Application layer**: [ ] yes

### Supporting activities:

- Sourcing
- Governance & Risk Management
- Data Protection & Security
- Financing

## Realization

### Project organisation

### Roadmap

### Architecture

- [ ] PaaS (Platform as a Service) (Name of Platform: 
- [ ] in-house development - [ ] minimal version | [ ] full value chain implementation

### Chain link specific tools and technologies used:

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<thead>
<tr>
<th>Data collection</th>
<th>Data carriage</th>
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## Operation – Organisation and Optimization
# Smart City Canvas

<table>
<thead>
<tr>
<th>Key Partners</th>
<th>Key Activities</th>
<th>Public Value Proposition</th>
<th>Relationships</th>
<th>Beneficiaries</th>
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<table>
<thead>
<tr>
<th>Key Resources</th>
<th>Cost Structure</th>
<th>Revenue Streams / Saving Potential</th>
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</thead>
<tbody>
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