Beacon Südtirol - Alto Adige

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Ziele des Projektes

- Bereitstellung eines offenen Beacon- Netzes

  - Genaue geographische Ortung, auch ohne Telefonnetz oder GPS

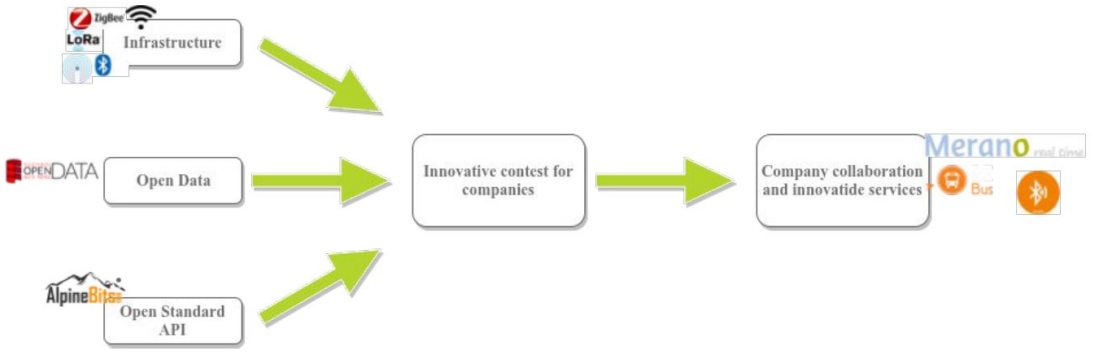
- Umsetzung eines Wireless Sensor Networks

LoRaWAN™

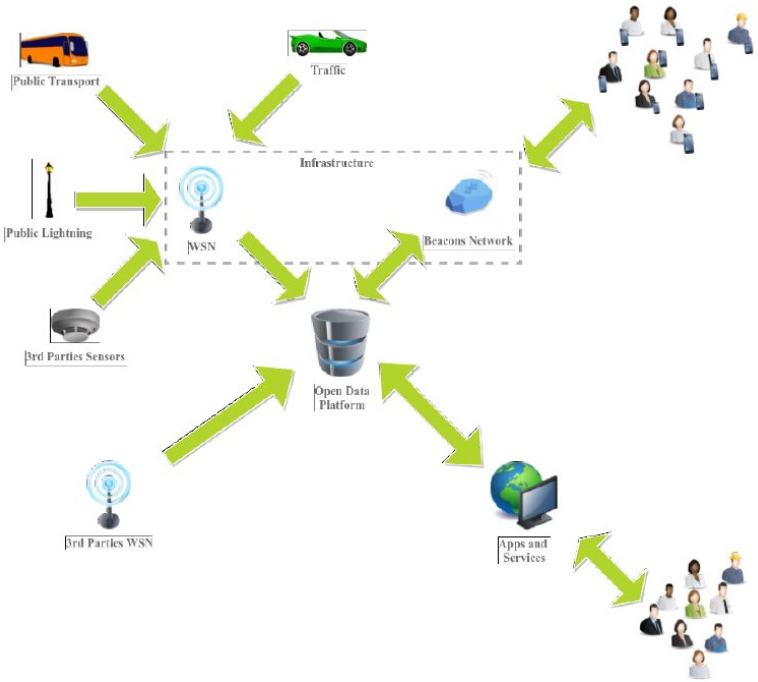
  - Sammlung von Daten und Informationen aus Sensoren

Ziele des Projektes

- Aufbau einer lokalen Community
- Einbeziehung und Stärkung des lokalen Marktes
  - Anbindung zur öffentlichen Infrastruktur
  - Entwicklung von innovativen APPs und Anwendungen



Architektur

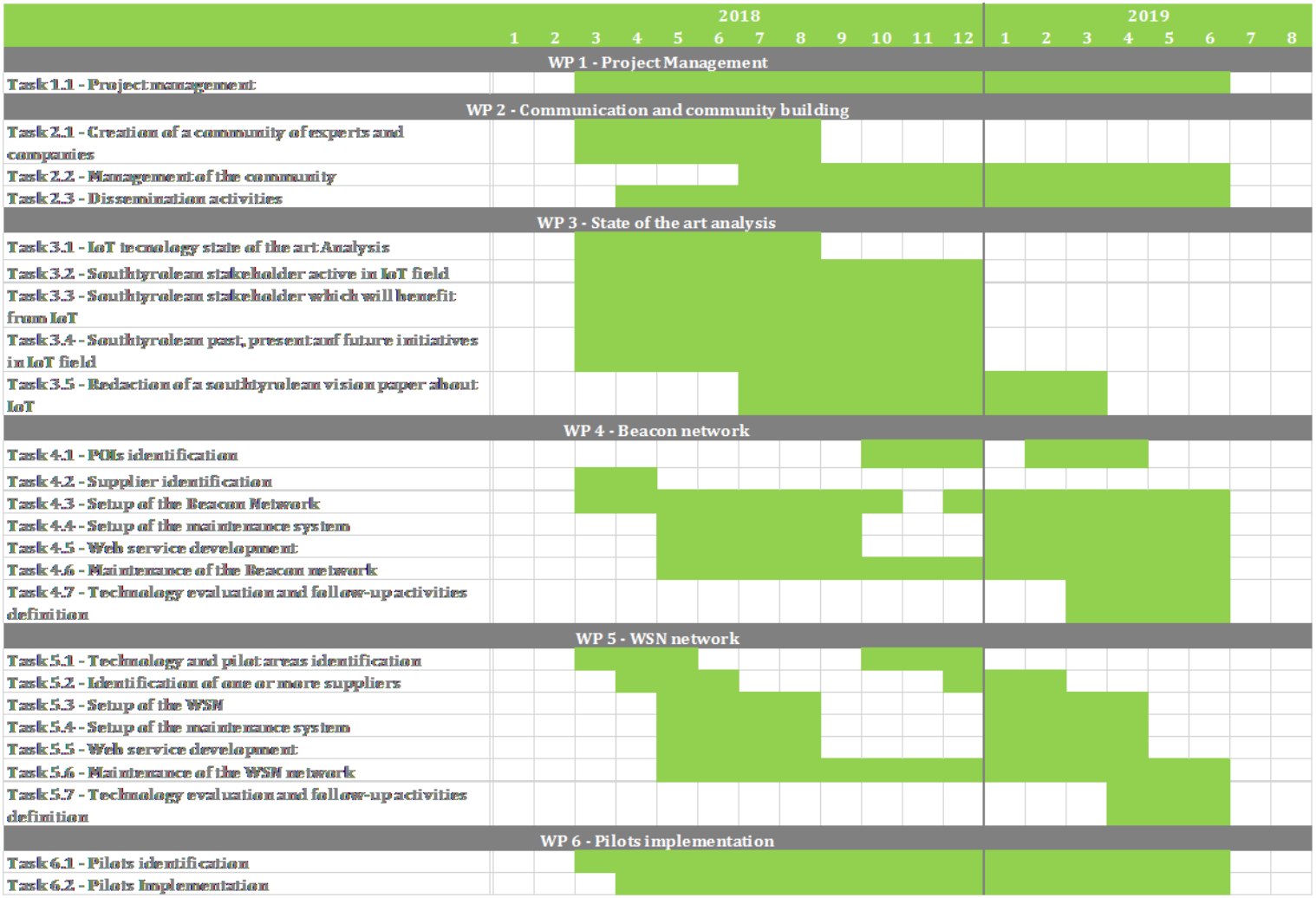


- Beacons und Sensoren
- Offene Datenbestände (Open Data)
- Offene Schnittstellen zu den Daten

Projektphasen

- Community Building
- Analyse
- Beacon Network
- WSN Network
- Pilot-Anwendung

Zeitplan


2018
1 2 3 4 5 6 7 8 9 10 11 12
2019
1 2 3 4 5 6 7 8
WP 1 - Project Management
Task 1.1 - Project management
WP 2 - Communication and community building
Task 2.1 - Creation of a community of experts and companies
Task 2.2 - Management of the community
Task 2.3 - Dissemination activities
WP 3 - State of the art analysis
Task 3.1 - IoT tecnology state of the art Analysis
Task 3.2 - Southtyrolean stakeholder active in IoT field
Task 3.3 - Southtyrolean stakeholder which will benefit from IoT
Task 3.4 - Southtyrolean past, present anf future initiatives in IoT field
Task 3.5 - Redaction of a southtyrolean vision paper about IoT
WP 4 - Beacon network
Task 4.1 - POIs identification
Task 4.2 - Supplier identification
Task 4.3 - Setup of the Beacon Network
Task 4.4 - Setup of the maintenance system
Task 4.5 - Web service development
Task 4.6 - Maintenance of the Beacon network
Task 4.7 - Technology evaluation and follow-up activities definition
WP 5 - WSN network
Task 5.1 - Technology and pilot areas identification
Task 5.2 - Identification of one or more suppliers
Task 5.3 - Setup of the WSN
Task 5.4 - Setup of the maintenance system
Task 5.5 - Web service development
Task 5.6 - Maintenance of the WSN network
Task 5.7 - Technology evaluation and follow-up activities definition
WP 6 - Pilots implementation
Task 6.1 - Pilots identification
Task 6.2 - Pilots Implementation

Danke für die Aufmerksamkeit

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