



INSTITUTO NACIONAL DE ESTATÍSTICA
STATISTICS PORTUGAL



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Tourism Integrated Information System - SiT

8 March 2021

Big Data Enabling Tourism Competitiveness



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Introduction to the SiT



Main objectives



Development



Expected outcomes



Introduction to the SiT



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EUROSISTEMA



2017 – Collaboration Protocol



- Systematic monitoring of Tourism
- Development of Tourism Statistics



SiT – Tourism Integrated Information System

Present system:

Multiple data collection model

Several entities collecting similar information / different formats

Excessive burden



SiT – Tourism Integrated Information System

Identified needs:

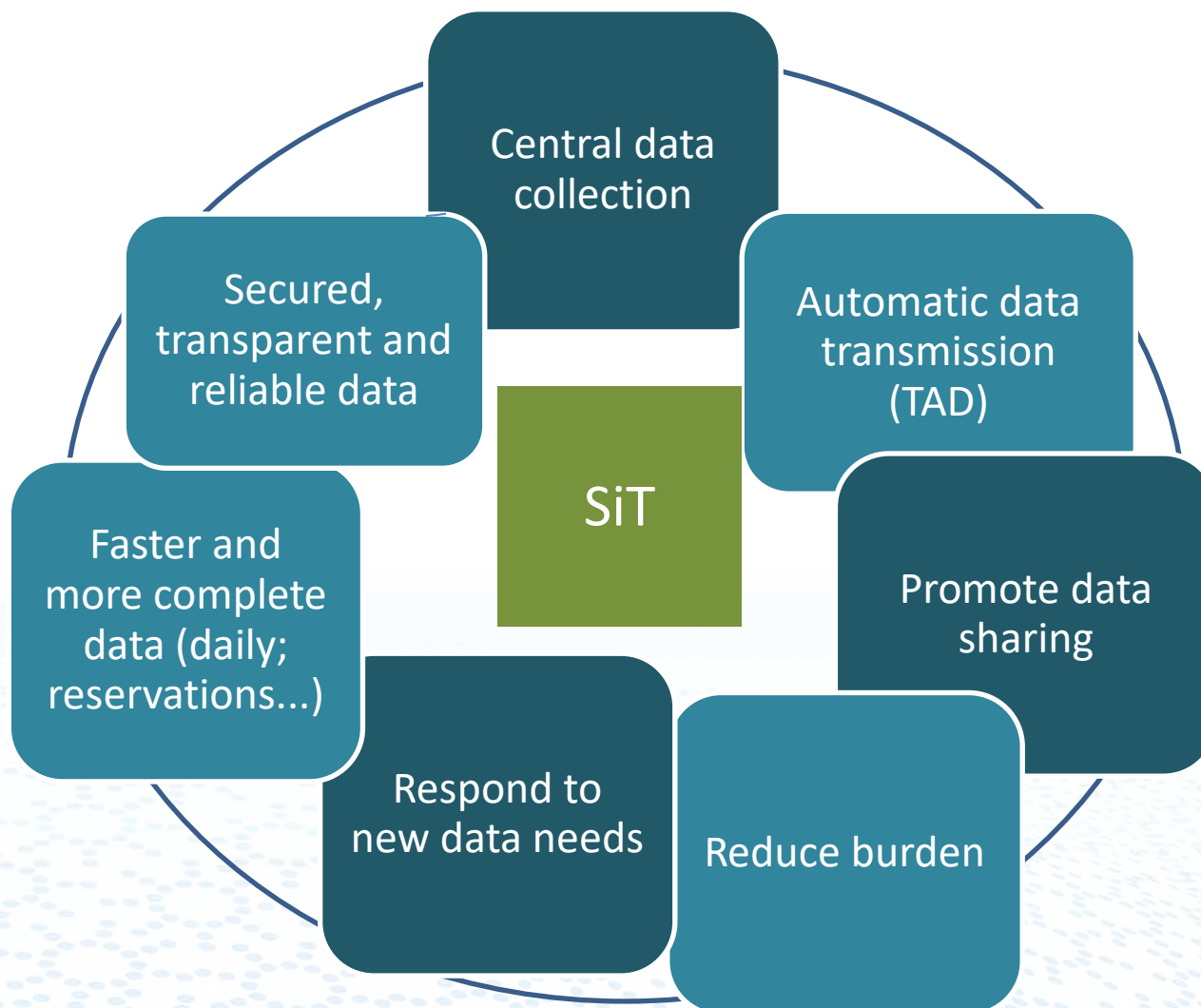
Simplify data collection process

Central data sharing system

Respond to several data needs



Main objectives:










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Development:

-  TAD – Automatic data transmission
-  WebInq: Statistics Portugal primary data collection platform
-  Secured data collection
-  Secured data transmission
-  Promote data sharing



Integrated Information System



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Development:

-  Identify all data needs
-  Identify all entities requesting data on Tourism
-  Stakeholders consultation
-  IT adaptations
-  IT security
-  Legislation



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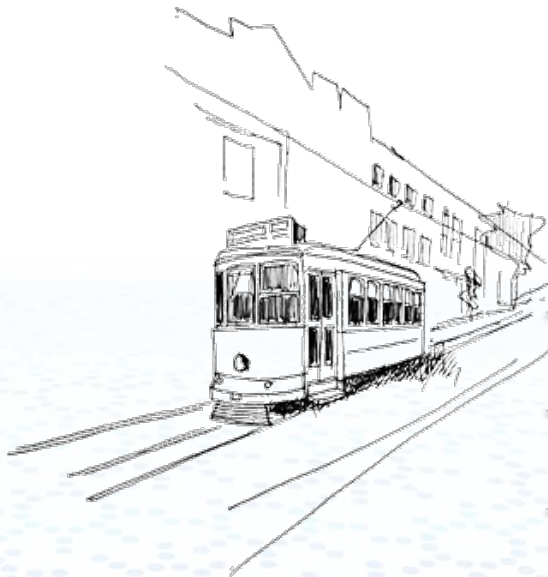
Development: timetable

SiT

Start of the project: **November 2020**

Duration: **18 months**

End of the project: **April 2022**



Main steps:

Data needs, architecture and stakeholders

IT development and testing

Implementation and dissemination



Expected outcomes: For the enterprises



- One single interaction → information for several entities
- Costs and time reduction → overall burden reduction
- Automatic data transmission →
 - overhead reduction
 - more reliable information
- Data sharing → information for several entities



Expected outcomes: For the involved entities



- Increasing data consistency
- Faster and more timely data
- Importance of a real time system → crisis / pandemic / others
- Agility →
 - data collection
 - data compilation / production of statistical information
 - to include new data needs



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... a sun and a helm to guide the Union on its
future journeys ...

THANK YOU

Cristina Neves
Economic Statistics Department