



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**



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# Introduction to the SiT

resilience  
sustainability  
Quality  
public good  
data strategy  
trust  
privately-held data  
new data sources  
globalisation  
administrative sources  
digitalisation  
value  
user needs  
statistics  
society  
deliver data



BANCO DE PORTUGAL  
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:

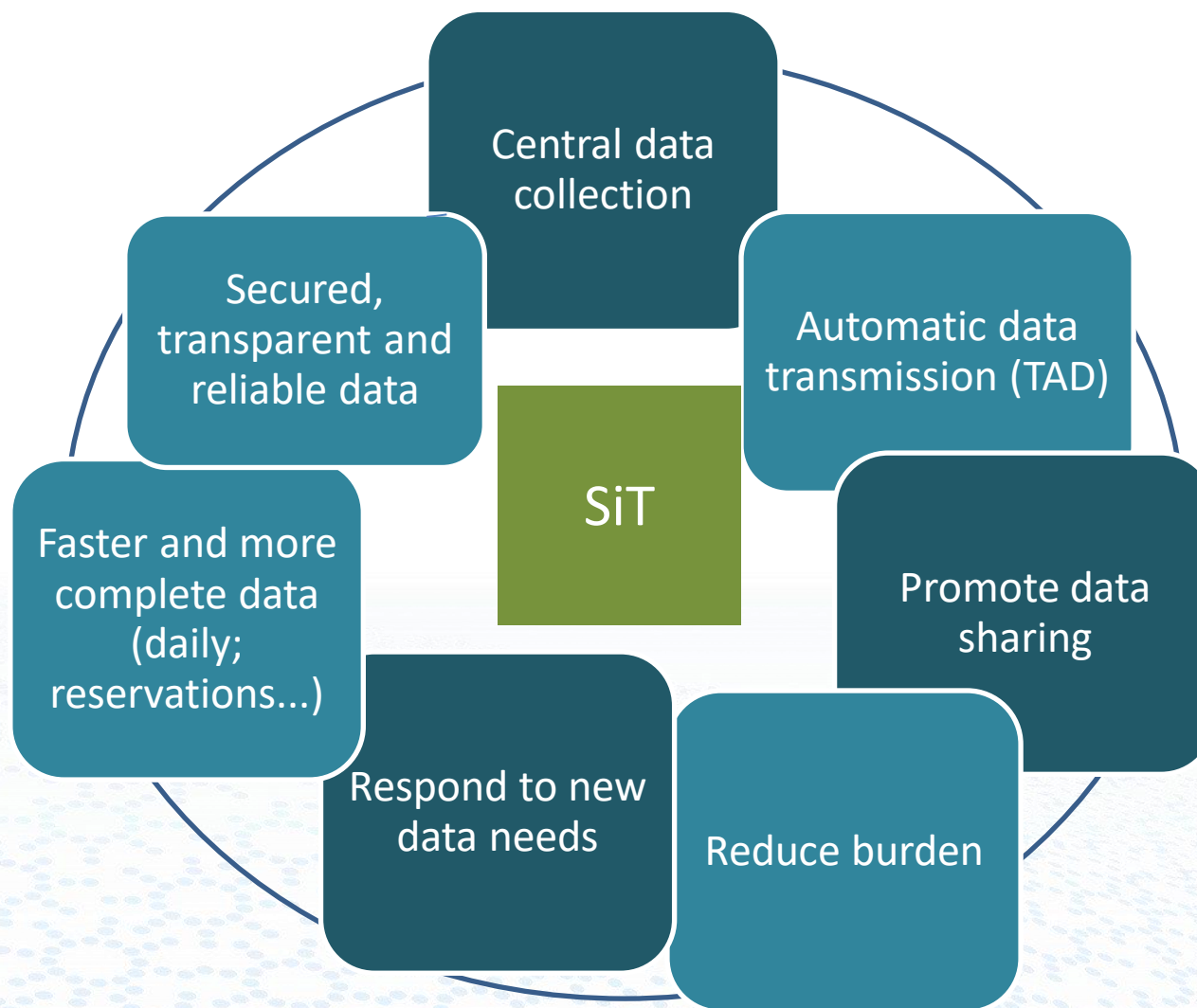
Simplify data collection process

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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e de Investimento





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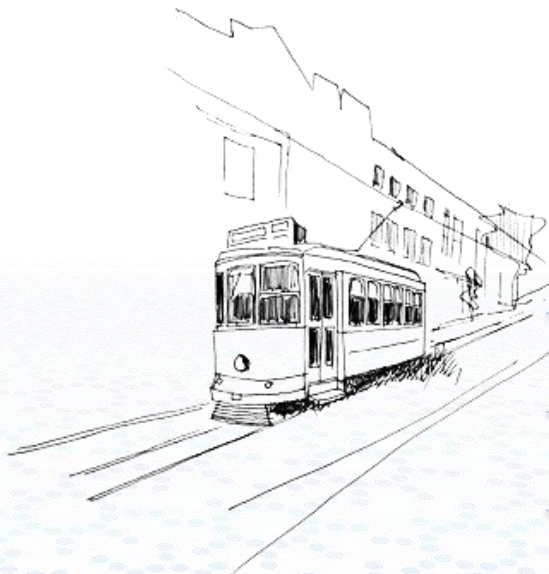
# Development: timetable

## 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
  - Agility
- crisis / pandemic / others
- 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

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Economic Statistics Department