WP3: PORT LOGISTICS NEEDS ASSESSMENT

Methodology for the analysis of the state of the art of IT process (D3.3.1-8)

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# PURPOSE OF THE DOCUMENT

The INTESA project (“IMPROVING MARITIME TRANSPORT EFFICIENCY AND SAFETY IN THE ADRIATIC”) aims at establishing a network among the National Maritime Administrations of Italy and Croatia and main port authorities of the Adriatic Sea, with the scope of harmonizing and optimizing the procedures of the complete maritime transport process in order to make port and maritime transport system more efficient and safe.

According to the definition of the common WP3 methodology, presented in D.3.1.1 – “Common methodology of the implementation of the WP”, the purpose of the present document consists in giving the indications and templates to the Partners involved in WP3 to define the IT processes actually managed within each port.

# INTRODUCTION

INTESA project will consider all the phases of maritime transport: deep-sea traffic - entrance/exit in port - berth and gate in gate out. Only if all the procedures related to these 3 phases are optimized and well connected among them the whole transport process is effective.

With the aim of defining the methodology for the implementation of WP3 (Port Logistics Needs Assessment), the purpose of D.3.1.1 – “Common methodology of the implementation of the WP” is to provide indications to complete an analysis of the IT processes managed by each port

Namely, the above-mentioned reports will present the analysis of IT processes for:

* Port of Venice (D.3.3.1);
* Port of Trieste (D.3.3.2);
* Port of Ravenna (D.3.3.3);
* Port of Ancona (D.3.3.4);
* Port of Bari (D.3.3.5);
* Port of Rijeka (D.3.3.6);
* Port of Ploče (D.3.3.7);
* Port of Split (D.3.3.8);

# INTESA ANALYSIS OF IT PROCESSES

According to the AF, PPs will focus “*on the state of the art their IT processes and needs for data exchange between various systems on local port level and national level. Analysis will cover needs for exchanging information in a way that data must be entered only once and exchange will all other systems if needed*”

Each PP will follow the table of contents here below:

1. Description of the IT system: does the Port have a PCS? Is it based on a software license or is it free and open source?
2. Which are the main functions of the PCS? Which modules does it have?
3. Which are the other systems it is connected to (e.g. Customs, TOSs, etc.)? How are data exchanged (e.g. web service, etc.)?
4. How will the PCS evolve in the next five to ten years? Which new functions will be developed?