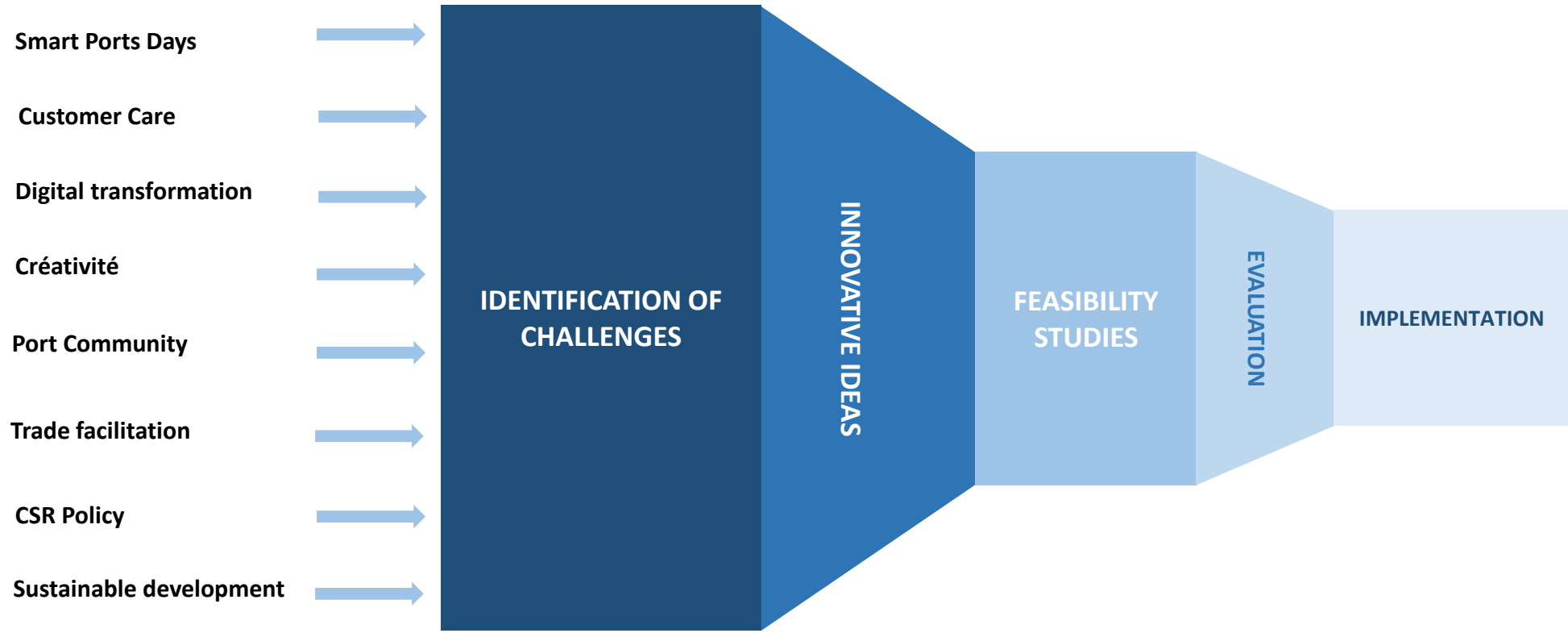


At the heart of a maritime industry in full evolution, Moroccan ports are more than ever looking to the future. The National Ports Agency, through the smart port innovation approach, is on the lookout for innovative solutions to meet the logistical challenges, protect the environment and gain in efficiency in all its missions.

Environmental pressure and the need to save energy in ports form a duo that is as constraining as it is stimulating for the maritime and port industries.

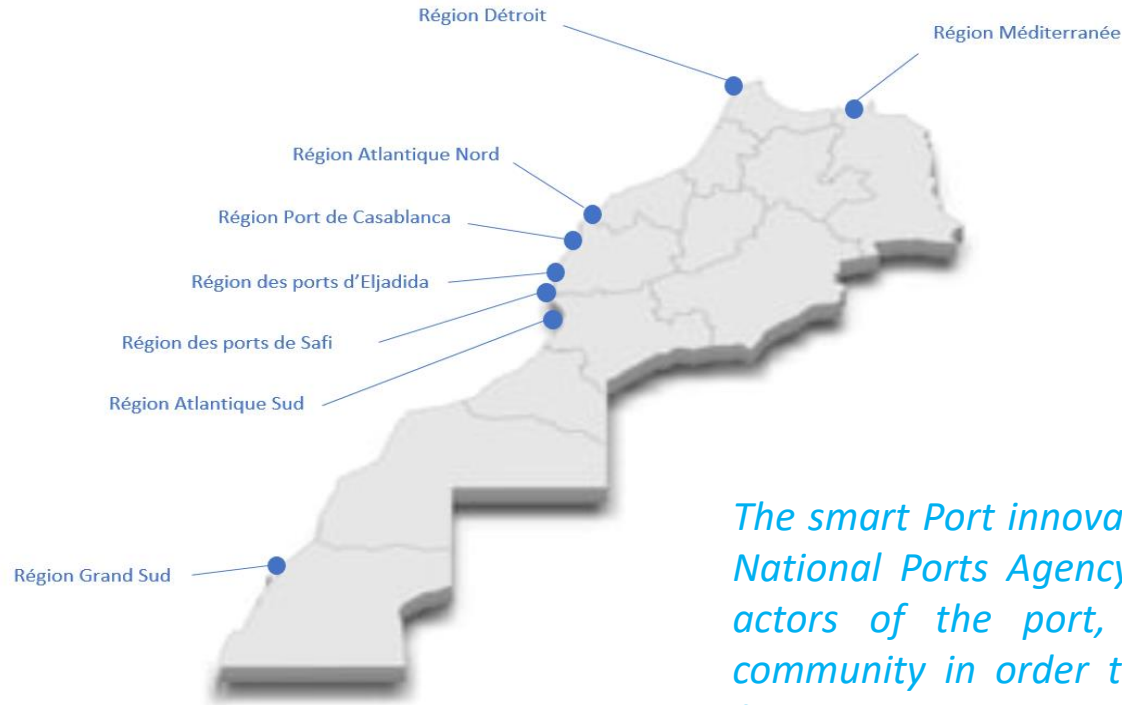
A new cycle of innovation is taking place, and the ports of tomorrow are gradually emerging thanks to individual and collective innovation efforts in research, experimentation and operational implementation.

The Smart Port Innovation approach



*Simple and pragmatic, the smart port innovation process consists of 5 key steps:
 1- Identify the problems, 2 - Find creative solutions, 3 - Examine the feasibility of the solutions, 4- Evaluation and 5 - Implementation*

The Smart Port Innovation perimeter




The smart Port innovation approach initiated by the National Ports Agency seeks to bring together the actors of the port, logistics and foreign trade community in order to create favorable conditions for the establishment of an innovation ecosystem dedicated to the Moroccan port sector.

Objective of the approach

The objective is to strengthen the capacity of the port community to provide effective responses to the issues and challenges of the port sector.



To develop innovative solutions for a more efficient, competitive, green and safe port by calling on the collective intelligence of the port community and trade in Morocco and internationally



Improving the operation of ports, making the logistics chain more fluid and removing bottlenecks;



Create tools to facilitate exchange and establish an environment conducive to reflection and innovation.

Themes

Sustainable development,
environmental protection
and energy transition

Performance, logistics
fluidity and trade
facilitation

Safety, Security and
Compliance

Port service continuity
and infrastructure
availability

The Smart Port Challenge 2022 Hackathon



Organized by the National Ports Agency (ANP) and the National Single Window PortNet in partnership with the Digital Development Agency, the second edition of the Port Hackathon dedicated to innovation in the port sector in Morocco is a competition open to any person, startup, company, school or university wishing to propose an innovative concept in response to major port challenges while creating disruptive, efficient solutions tailored to the needs of the company and Moroccan ports

Expected results

- *Promote the port and business opportunities in the port sector to potential investors;*
- *Identify new and innovative solutions to proposed challenges;*
- *Raise awareness of the port community on the need for technology watch and innovation;*
- *Valorize local & regional competencies.*

Participants

C
a
t
é
g
o
r
i
e
s

1



Companies and SMEs



Experts

2



Researchers



Academics

3



Developers



Engineers



Students



Startups

Challenge selection criteria

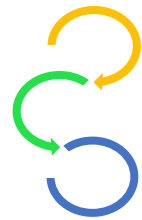
Community :



With high added value:



Customer centric :



The challenges

Sustainable development, environmental protection and energy transition

Performance, logistics fluidity and trade facilitation

Safety, Security and Compliance

Port service continuity and infrastructure availability

The Smart Port Challenge 2020 review

ANP GLOBAL ALLIANCE FOR TRADE FACILITATION PORTNET

EN LIGNE
18 DÉCEMBRE 2020 - 29 JANVIER 2021

SMART PORT CHALLENGE 2020

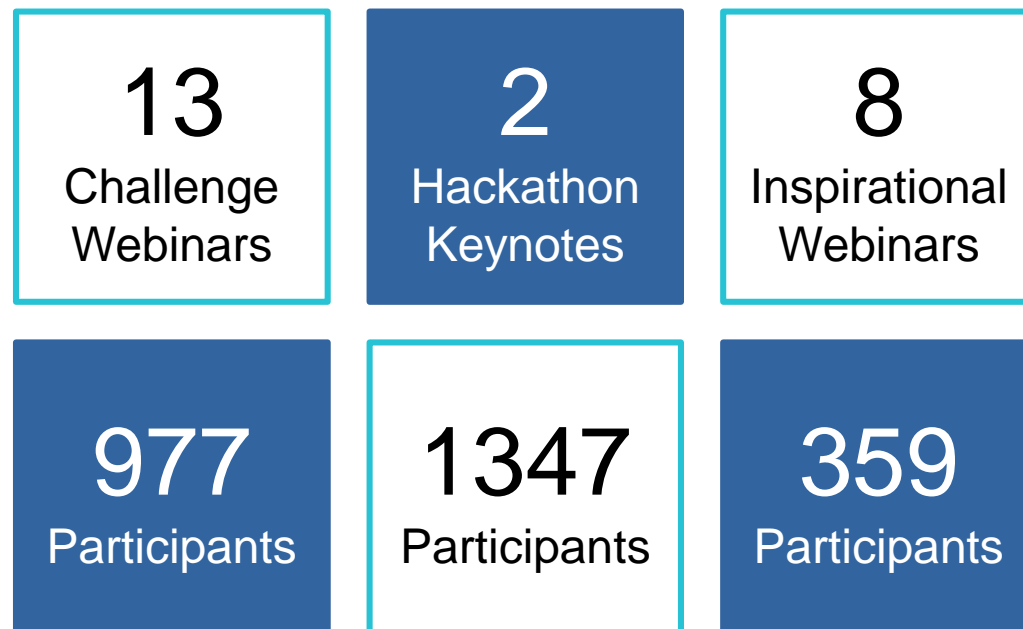
Imaginez et innovez le port de demain !

À LA CLÉ
Un accompagnement business ou un programme d'incubation

The Smart Port Challenge 2020 review



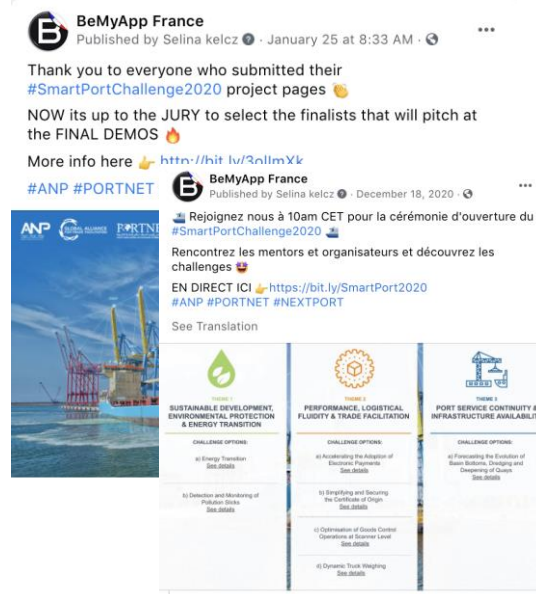
The Smart Port Challenge 2020 review



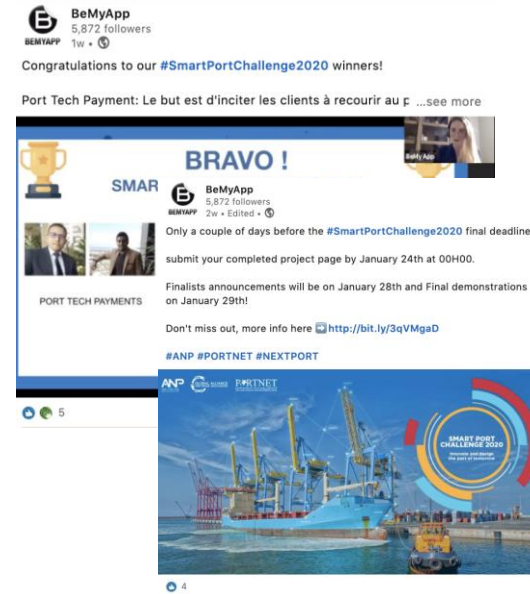
The Smart Port Challenge 2020 review



Twitter



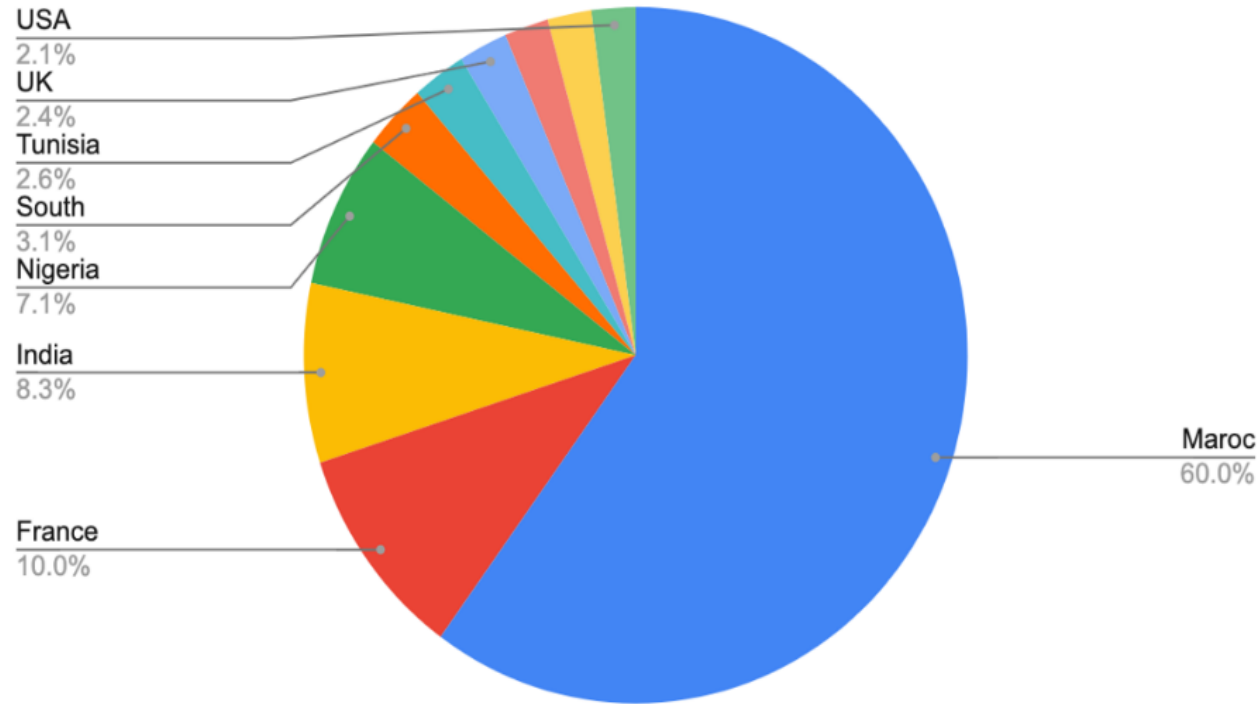
Facebook



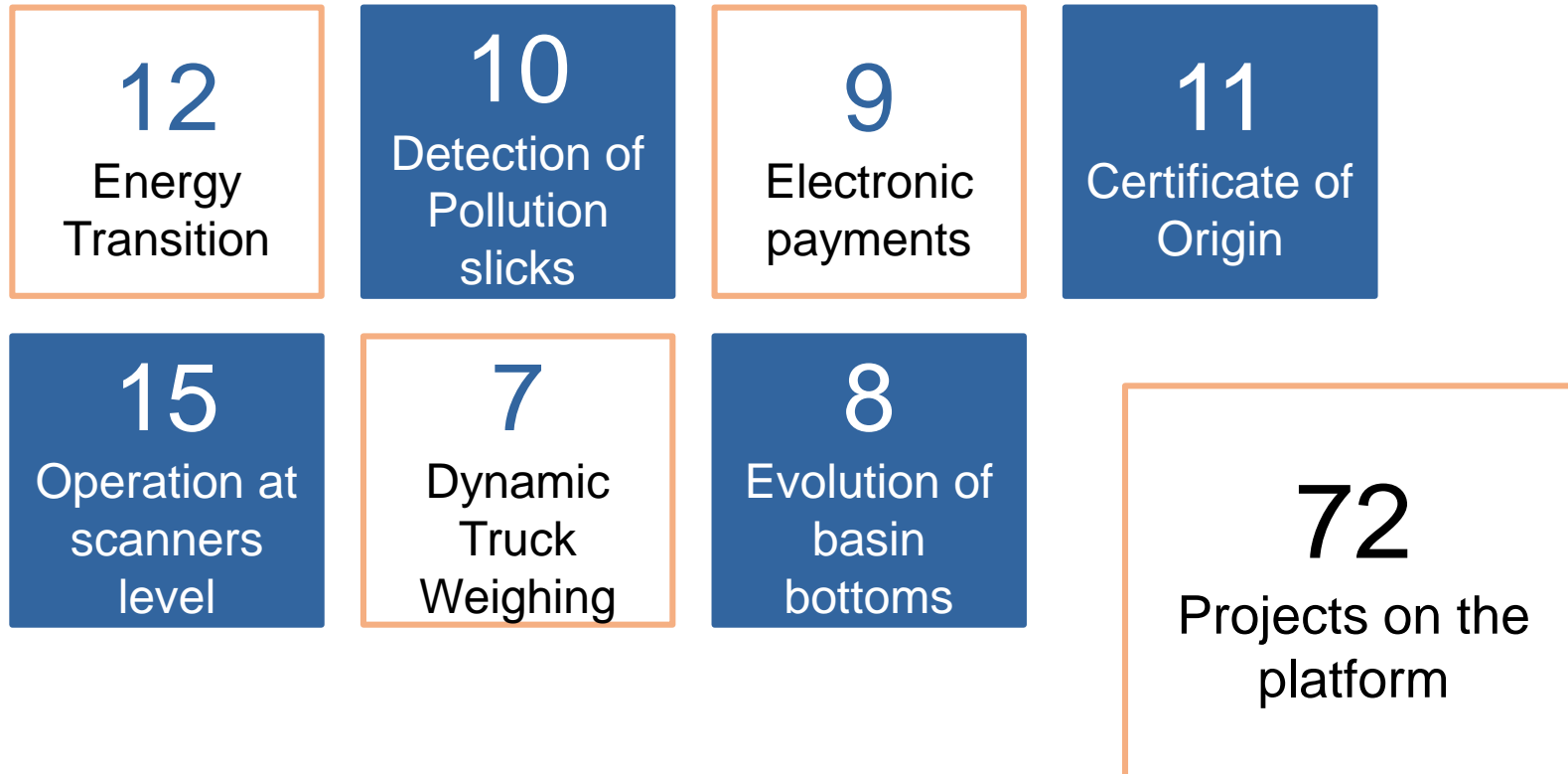
LinkedIn

Bilan du Smart Port Challenge 2020

Pays	Nombre de participants
Maroc	252
France	42
India	35
Nigeria	30
South Africa	13
Tunisia	11
UK	10
Germany	9
Spain	9
USA	9



The Smart Port Challenge 2020 projects review



PROJECTS WINNERS

PRIX 
SMART PORT 2020

ECO WAVE POWER

Eco Wave Power

The project is to build and operate a wave energy power station using Eco Wave Power's innovative ...

ENERGY TRANSITION

[View project →](#)



 We're hiring 4 profiles →
And other profiles...

PROJECTS

WINNERS



PRIX 
SMART PORT 2020

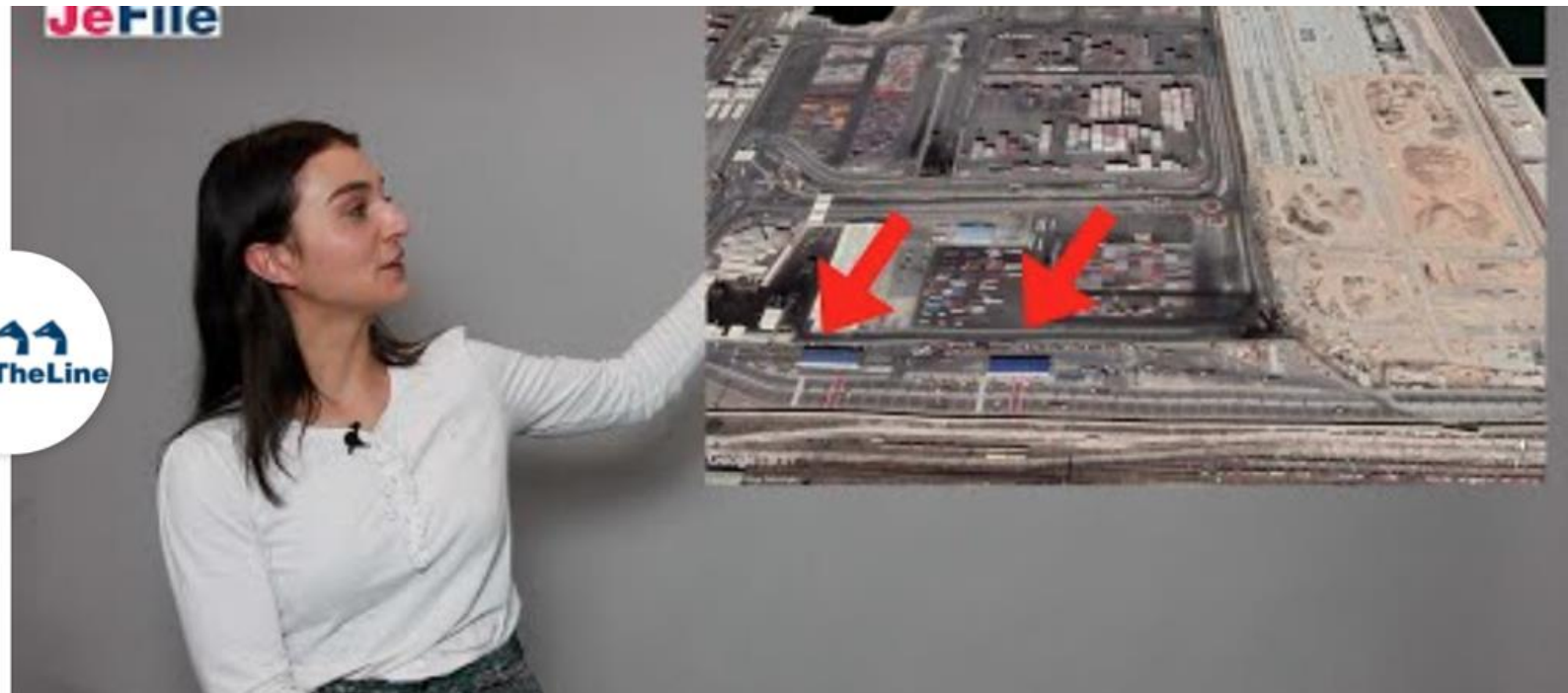
JeFile

File d'attente virtuelle pour ...

JeFile est une solution qui vous permet d'accroître l'efficacité de vos opérations grâce à une ges...

OPTIMISATION OF GOODS CONTROL OPE...

[View project →](#)



PROJECTS WINNERS

PRIX 
SMART PORT 2020

PORT TECH PAYMENT

Port Tech Payment (PTP)

Solution basée sur la théorie du Nudge. Le but est d'inciter les clients à recourir au paiement él...

ACCELERATING THE TAKEUP OF ELECTRO...

[View project →](#)

 **Port TECH PAYMENT** 



PROJECT WINNERS

PRIX 
Special DU JURY



TAKE UP SCOUT

Accompagnement de l'accé...

Notre projet vise à trouver des solutions innovantes pour accompagner la transformation des méthod...

ACCELERATING THE TAKEUP OF ELECTRO...

[View project →](#)

Take-up

take up

ACCELERATING THE
TAKE-UP OF ELECTRO-
NIC PAYMENTS

Smart Port Challenge 2020 Testimonials

"A pleasure to participate in the Smart Port Challenge 2020 organized by ANP, PORTNET and GLOBAL ALLIANCE!

A great opportunity for my classmates (Yassine Abdouh, Abir Badreddine and Asmae Khannafour) and myself to work on a real problem and thus bring a concrete solution in only 6 weeks!"



Mr. Jérémie PERALES, a student engineer from Central University who is very involved in associations, and a member of the team that won the "jury's favorite" award.

Smart Port Challenge 2020 Testimonials

"Congratulations on the 1st edition of the Smart Port Challenge. It was a great pleasure to participate.

You have offered us a space for creativity and exchange of ideas... in short, an incubator of projects that can offer real added value to the entire community.

It was also a competition space made available to startups, students, professors and professionals to test their talents and direct them towards the needs of the community. Congratulations to the winners "



**Mr. Mohamed Benatik, Director of the Information System
at the port of Casablanca in MARSA MAROC**

Smart Port Challenge 2020 Testimonials

"First of all I would like to express my appreciation for the great efforts of the entire Smart Port Challenge organizing team.

By participating I gradually became aware of the magnitude of the efforts in terms of size and care for the quality of multiple actions.

The organization, the communication, the content, the call for young researchers, the team spirit and the approach including all stakeholders were exceptional!

I believe that, thanks to the efforts of all involved, the Smart Port Challenge was a great success!"



M. Frank Janssens, expert international en matière de facilitation des échanges et de gestion transfrontalière.

Smart Port Challenge 2020 Testimonials

« I am thrilled to see what can be achieved by Open Innovation powered by a hackathon to facilitate change.

I have just listened to presentations made by seven finalists (out of 73 submissions engaging more than 500 participants) followed by a jury meeting, which I am honored to be part of, to select the four winners of the Smart Port Challenge 2020 in Morocco.

Thanks to [National Port Agency \(NPA\)](#), [Global Alliance for Trade Facilitation](#), and [PortNet: "National Single Window of Foreign Trade"](#) for opening up for the crowd to participate in innovating and designing the port of tomorrow.

A true effort that allows all of us to join forces towards a more sustainable maritime ecosystem ».



Mr Mikael Lind, Editor of UN/CEFACT Cross Industry Supply Chain Track and Trace Project at RISE Research Institutes of Sweden

Smart Port Challenge 2020 Testimonials

"The Global Facilitation Alliance seeks to adopt innovative approaches to meet the ever-increasing need for efficiency and cost reduction in international trade.

With this in mind, we are delighted to have been able to work so closely with the Moroccan port community in organizing the Smart Port Challenge.

The enthusiasm and professionalism of the teams was remarkable and demonstrates the need to think outside the box to find innovative solutions that make a real difference to the local ecosystem."



Mr Philippe Isler, Director of the Global Facilitation Alliance

Smart Port Challenge 2020 Testimonials

"This first edition of the port Hackathon is part of the approach "SMARTPORT INNOVATION" initiated by the National Ports Agency, it is a coordinated and concerted approach to the development of the national port sector to improve its performance, it constitutes a prospective, comprehensive and coherent framework for the harmonious development of ports "



Mrs. Nadia LARAKI Director General of the National Ports Agency

Smart Port Challenge 2020 review

SPONSORS OFFICIELS



NOS PARTENAIRES

The National Ports Agency



The National Ports Agency (ANP) is the authority and regulatory body of the new Moroccan port system set up by Law 15-02.

In a context of increasing globalization, marked by the intensification of trade in an increasingly competitive environment, the ports sector, in Morocco and worldwide, has become an important lever for the development and competitiveness of a country. At the same time, it must respond to new social, societal and environmental challenges.

In recent years, the sector has undergone major institutional and organizational reforms, with the aim of adapting the status and organization of the port authority to the global needs of globalization and the new constraints arising from social responsibility and equitable and sustainable development.

A strong player in the Moroccan port landscape, the Agency federates the entire port community around common objectives; it works to create a competitive port environment, promoting fair and sustainable development, characterized by healthy competition, efficiency, transparency and good governance, and ensuring safe and quality services.

The National Ports Agency

Legal status

The National Ports Agency is a "Public Establishment with legal personality and financial autonomy". The technical supervision of the Agency is ensured by the Ministry of Equipment and Transport. The Agency is subject to the financial control of the State applicable to public establishments in accordance with the legislation in force.

Perimeter and field of intervention of the Agency

The Agency exercises its powers over all the ports of the Kingdom except the port of Tangier Mediterranean (33 ports).

The Agency has set eight strategic priorities:

- The continuation of the realization of major port projects;
- The preservation of port heritage;
- The contribution to the implementation of the national strategy of logistics competitiveness;
- The simplification and facilitation of port transit procedures;
- The continuation of the implementation of the port reform subject of the law 15-02;
- The regulation of port activities and operators;
- The improvement of the competitiveness of the port sector;
- The police, security and environmental protection in the port environment.

The National Ports Agency

Perimeter and field of intervention of the Agency

The Agency exercises its attributions on all the ports of the Kingdom except the port of Tangier Mediterranean (35 ports).



The National Ports Agency





الوكالة الوطنية للموانئ
+٥٠١%٥٥٦+ +٥٥٤%٥٠+ | ١٤٥٧
Agence Nationale des Ports

www.anp.org.ma