Performance Estimation, Assessment, Reporting and simulation

Fact Sheet

Project Information

**PEARL**

Grant agreement ID: 101114676

**Funded under**

Climate, Energy and Mobility

**DOI**

[10.3030/101114676](10.3030/101114676)

**Start date**

1 September 2023

**End date**

31 August 2026

**Total cost**

€ 9,862,263.75

**EU contribution**

€ 1,989,359.27

**Coordinated by**

ENAIRE

Spain

Objective

PEARL project aims at carrying out the SESAR performance management process, under the leadership of SESAR 3 JU. This implies to reconcile and map the performance assessments and results delivered by the R&I projects with the SESAR performance ambitions in the ATM Master Plan.

To achieve this goal, PEARL Project will conduct the following activities:

- A priori estimation of performance contributions from SESAR Solutions
- Consolidation of performance assessments coming from SESAR Solutions to deliver PAGAR report
- Provision support and guidance to Solutions through Communities of Practice (in performance domains as Operational Performance, Safety, (cyber) Security, Human
Performance, Environment, CBA, Digitalisation and U-Space), as part of a Quality Assurance process
- Conduct multi-SESAR Solution network impact simulations, looking for indications of cross-effects of joint deployment

Complementarily, on specific request from SESAR 3 JU, PEARL project will maintain SESAR Performance Framework and related material, as well as providing support to Maturity Gates. It will also be flexible for the provision of additional ad-hoc activities, to be agreed with SESAR 3 JU.

Keywords

ATM Performance  Network Impact Simulation  SESAR Performance Framework
Digitalisation  U-Space

Programme(s)

HORIZON.2.5 - Climate, Energy and Mobility  MAIN PROGRAMME

Topic(s)

HORIZON-SESAR-2022-DES-IR-01-WA1-1 - Performance Management & Network impact Assessment

Call for proposal

HORIZON-SESAR-2022-DES-IR-01

See other projects for this call

Funding Scheme

HORIZON-JU-CSA - HORIZON JU Coordination and Support Actions

Coordinator
ENAIRE

Net EU contribution
€ 59 451,88

Address
Avenida de aragon s/n bloque 330, portal 2 parque empresarial las mercedes
28022 Madrid
Spain

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 25 479,37

Participants (17)

THIRD-PARTY

CENTRO DE REFERENCIA INVESTIGACION DESARROLLO E INNOVACION ATM, A.I.E.

Spain
Net EU contribution
€ 421 151,00

Address
Calle campezo, 1, 4º, edificio 7, parque empresarial las mercedes
28022 Madrid

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Research Organisations

Links
Contact the organisation Website
### EUROPÉENNE RÉGION DES AIRPORTS COUNCIL INTERNATIONAL

**Belgium**

**Net EU contribution**

€ 58 012,50

**Address**

Boulevard du regent 37-40
1000 Bruxelles

**Region**

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussels Hoofdstad

**Activity type**

Other

**Links**

Contact the organisation

Participation in EU R&I programmes

HORIZON collaboration network

**Other funding**

€ 24 862,50

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### AIRBUS

**France**

**Net EU contribution**

€ 263 812,50

**Address**

2 rond point emile dewoitine
31700 Blagnac

**Region**

Occitanie > Midi-Pyrénées > Haute-Garonne
BOEING AEROSPACE SPAIN

Spain

Net EU contribution

€ 79 100,00

Address

Avenida sur del aeropuerto de barajas 38 edif 4 pl 4 a
28042 Madrid

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Other funding

€ 33 900,00

C.I.R.A. CENTRO ITALIANO RICERCHE AEROSPAZIALI SCPA

Italy

Net EU contribution

€ 102 236,75

Address

Via maiorise
81043 Capua

Region

Sud > Campania > Caserta
DEEP BLUE SRL

Italy

Net EU contribution
€ 209 125,00

Address
Via daniele manin 53
00185 Roma

SME
Yes

Region
Centro (IT) > Lazio > Roma

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Other funding
€ 89 625,00

THIRD-PARTY

EUROUSC ITALIA SRL

Italy

Net EU contribution
€ 22 590,75

Address
Via daniele manin 53
00185 Roma
SME  
Yes
Region
Centro (IT) > Lazio > Roma
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation  
Participation in EU R&I programmes  
HORIZON collaboration network
Other funding  
€ 9 681,75

ENAV SPA
Italy
Net EU contribution  
€ 159 956,13
Address
Via salaria 716  
00138 Roma
Region
Centro (IT) > Lazio > Roma
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation  
Participation in EU R&I programmes  
HORIZON collaboration network
Other funding  
€ 68 552,62

EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION
Belgium
Net EU contribution

€ 0,00

Address

Rue de la fusée 96
1130 Brussels / bruxelles

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussels-Hoofdstad

Links

Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding

€ 7 020 321,25

FLUGHAFEN MUNCHEN GMBH

Germany

Net EU contribution

€ 48 125,00

Address

Nordallee 25
85356 Munchen

Region

Baden-Württemberg > Stuttgart > Stuttgart, Stadtkreis

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation  Participation in EU R&I programmes  HORIZON collaboration network

Other funding

€ 20 625,00
INDRA SISTEMAS SA

Net EU contribution
€ 2 240,00

Address
Avenida de bruselas 35
28108 Alcobendas madrid

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 960,00

THIRD-PARTY

ALG GLOBAL INFRASTRUCTURE ADVISORSLU

Net EU contribution
€ 73 935,75

Address
Avda de bruselas 35
28108 Alcobendas

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 31 686,75
NAVAGACAO AEREA DE PORTUGAL - NAV PORTUGAL EPE

Portugal

Net EU contribution

€ 12 206.25

Address

Rua d edificio 121 aeroporto de
1700 008 Lisboa

Region

Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation Website
Participation in EU R&I programmes
HORIZION collaboration network

Other funding

€ 5 231.25

NOMMON SOLUTIONS AND TECHNOLOGIES SL

Spain

Net EU contribution

€ 78 903.13

Address

Plaza carlos trias bertran 4 2 planta
28020 Madrid

SME

Yes

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation Website
Participation in EU R&I programmes
AKCINE BENDROVE ORO NAVIGACIJA

Lithuania

Net EU contribution

€ 297 668,88

Address

Balio karvelio g. 25
LT-02184 Vilnius

Region

Lietuva > Sostinės regionas > Vilniaus apskritis

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 127 572,37

SINTEF AS

Norway

Net EU contribution

€ 93 625,00

Address

Strindvegen 4
7034 Trondheim

Region

Norge > Trøndelag > Trøndelag

Activity type

Research Organisations

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 40 125,00

UNIVERSITAT POLITECNICA DE CATALUNYA
Spain
Net EU contribution
€ 7 218,75
Address
Calle jordi girona 31
08034 Barcelona
Region
Este > Cataluña > Barcelona
Links
Contact the organisation  Website
Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 3 093,75

Partners (2)

THE UNIVERSITY OF WESTMINSTER LBG
United Kingdom
Net EU contribution
€ 0,00
Address
Regent street 309
W1B 2UW London
Region
London > Inner London — West > Westminster
Activity type
Higher or Secondary Education Establishments
NATS (EN ROUTE) PUBLIC LIMITED COMPANY

United Kingdom

Net EU contribution

€ 0,00

Address

4000 parkway whiteley
PO15 7FL Fareham

Region

South East (England) > Hampshire and Isle of Wight > Central Hampshire

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

EC signature date 15 June 2023

Last update: 25 July 2023

Permalink: https://cordis.europa.eu/project/id/101114676

European Union, 2023