AI explainable planning routing support system for transport route diversion under incidents and disruptions

Market maturity: Exploring
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

UNIVERSITE DE TOULOUSE ♀ – France
AIRBUS – France
ALMA MATER STUDIORUM – UNIVERSITA DI BOLOGNA – Italy

Algorithm for compressing tree ensemble models

Market maturity: Exploring
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

KATHOLIEKE UNIVERSITEIT LEUVEN – Belgium

13 CLIMATE ACTION

Automatic and explainable Planning AI system for item storage logistic planning in an industrial supply chain

Market maturity: Exploring
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

UNIVERSITE DE TOULOUSE ♀ – France
UNIVERSITAT DES SAARLANDES – Germany
AIRBUS – France

Automatic and explainable resource-constrained scheduling AI tool for assigning workers and rescheduling transport tasks in a industrial setup

Market maturity: Exploring
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

UNIVERSITE DE TOULOUSE ♀ – France
AIRBUS – France
KATHOLIEKE UNIVERSITEIT LEUVEN – Belgium

Competition Platform for AI/ML and decision-making models, powered by a flexible engine for complex industrial and academic challenges.

Market maturity: Tech Ready
Market creation potential: Very high
Project: TUPLES
Innovation Topic: Other

OPTIT SRL – Italy

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Fooll Squad Management Decision Support System for data & AI driven decision making by club executives

Market maturity: Business Ready
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

SCISPORTS B.V. – The Netherlands

Improved clustering method for truck routing in Waste collection management

Market maturity: Exploring
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

OPTIT SRL – Italy
KATHOLIEKE UNIVERSITEIT LEUVEN – Belgium

8 DECENT WORK AND ECONOMIC GROWTH **9** INDUSTRY, INNOVATION AND INFRASTRUCTURE **11** SUSTAINABLE CITIES AND COMMUNITIES **13** CLIMATE ACTION

IPEXCO: Platform for iterative planning with conflict explanations

Market maturity: Exploring
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

UNIVERSITE DE TOULOUSE ♀ – France

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Robust methods for the management of Heat and Power generation plants

Market maturity: Exploring
Market creation potential: Minor
Project: TUPLES
Innovation Topic: Other

OPTIT SRL – Italy
KATHOLIEKE UNIVERSITEIT LEUVEN – Belgium
ALMA MATER STUDIORUM – UNIVERSITA DI BOLOGNA – Italy

7 AFFORDABLE AND CLEAN ENERGY **9** INDUSTRY, INNOVATION AND INFRASTRUCTURE **11** SUSTAINABLE CITIES AND COMMUNITIES **13** CLIMATE ACTION

Self-assessment tool for Trustworthiness in Planning and Scheduling

Market maturity: Tech Ready
Market creation potential: No MCP category
Project: TUPLES
Innovation Topic: Other

UNIVERSITE DE TOULOUSE ♀ – France
OPTIT SRL – Italy
ALMA MATER STUDIORUM – UNIVERSITA DI BOLOGNA – Italy

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Highly accelerated advanced traffic model calculation from floating car data using smart map matching and traffic simulator

Market maturity: Business Ready
Market creation potential: Moderate
Project: EVEREST
Innovation Topic: Other

SYGIC AS – Slovakia
VSB – TECHNICAL UNIVERSITY OF OSTRAVA ♀ – Czech Republic

11 SUSTAINABLE CITIES AND COMMUNITIES **13** CLIMATE ACTION