



# MARKET 4.0

CONNECT & PRODUCE

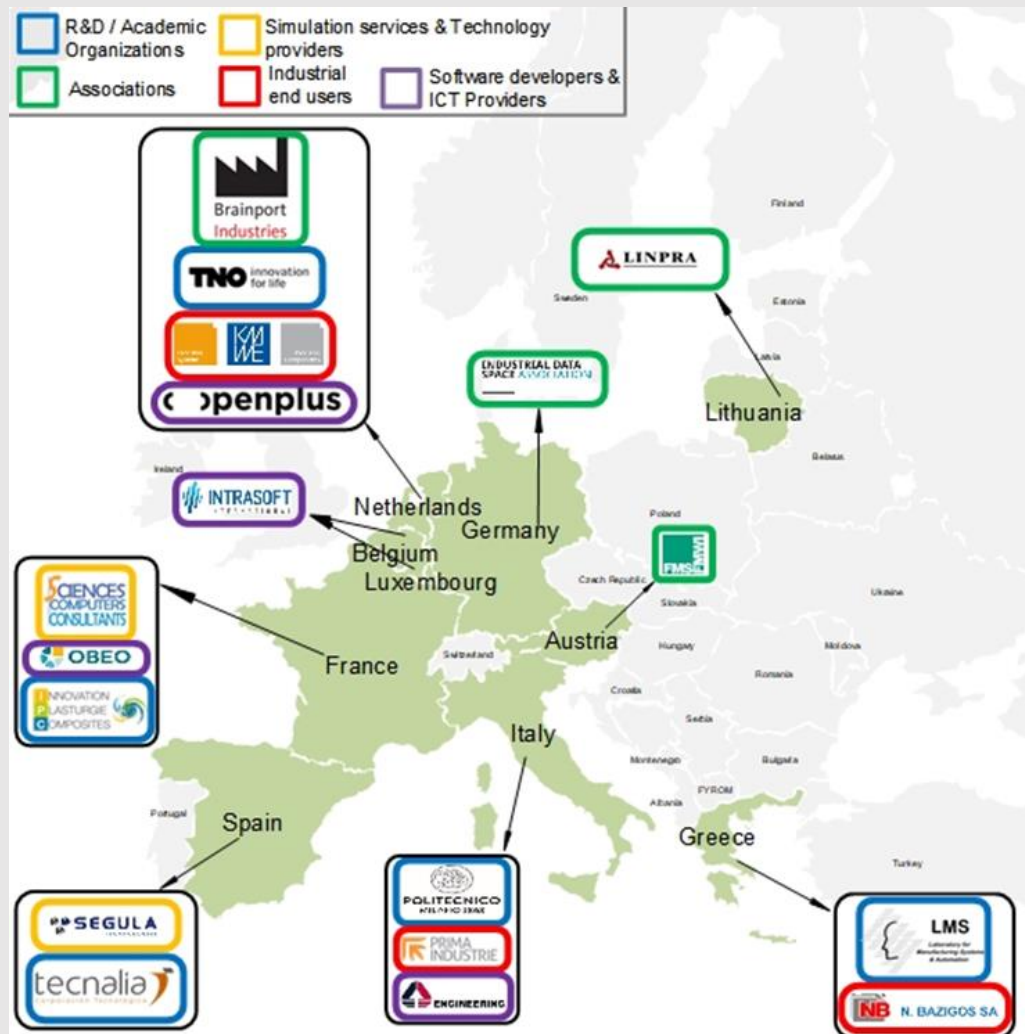
## A Multi-Sided Business Platform for Plug and Produce Industrial Product Service Systems

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# MARKET4.0 – An EU H2020 project



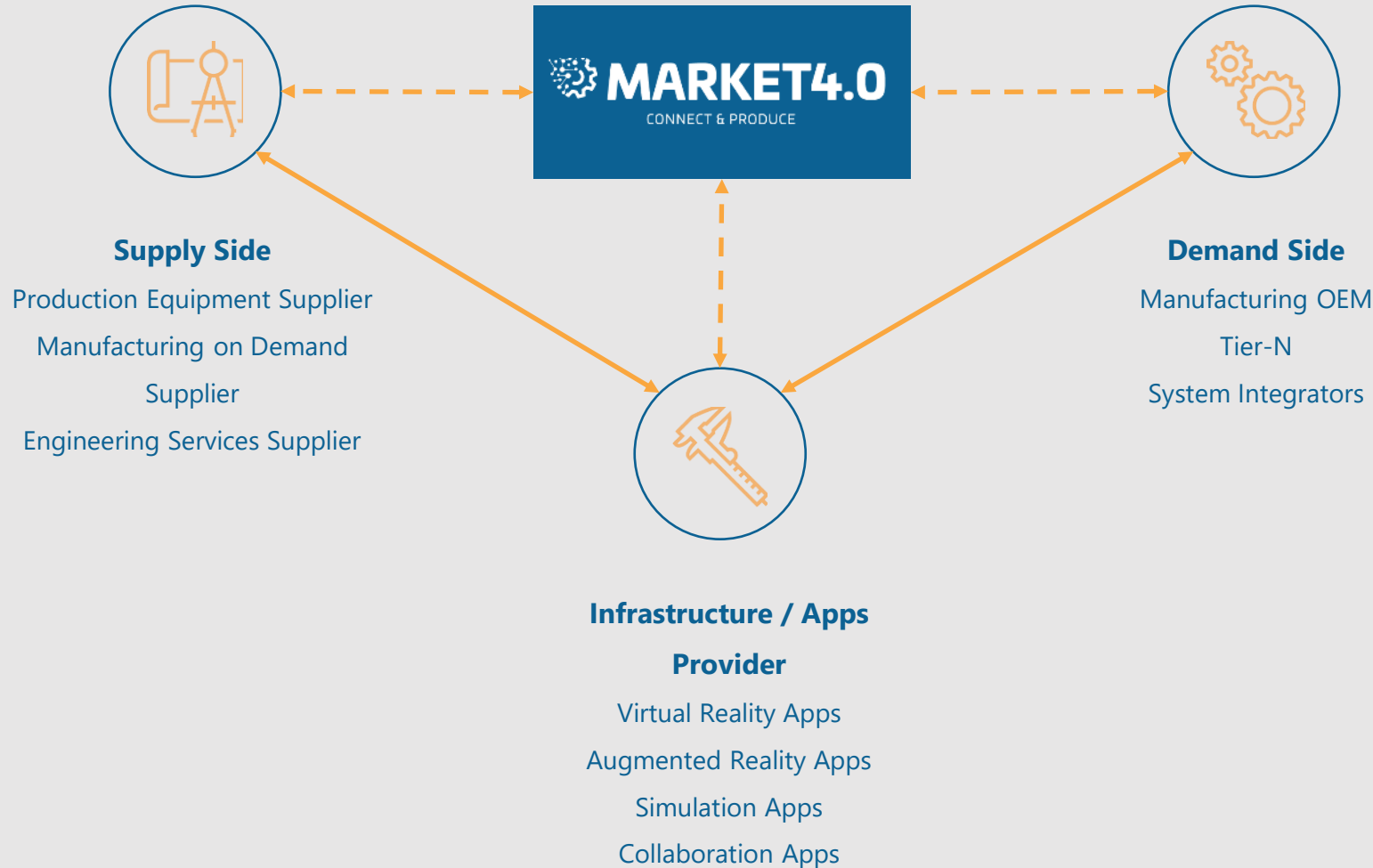
## Project facts

- ❖ Starting date: **01/11/2018**
- ❖ Duration in months: **42**
- ❖ Number of partners: **19**
- ❖ Number of countries: **10**
- ❖ Site: **[www.market40.eu](http://www.market40.eu)**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 822064

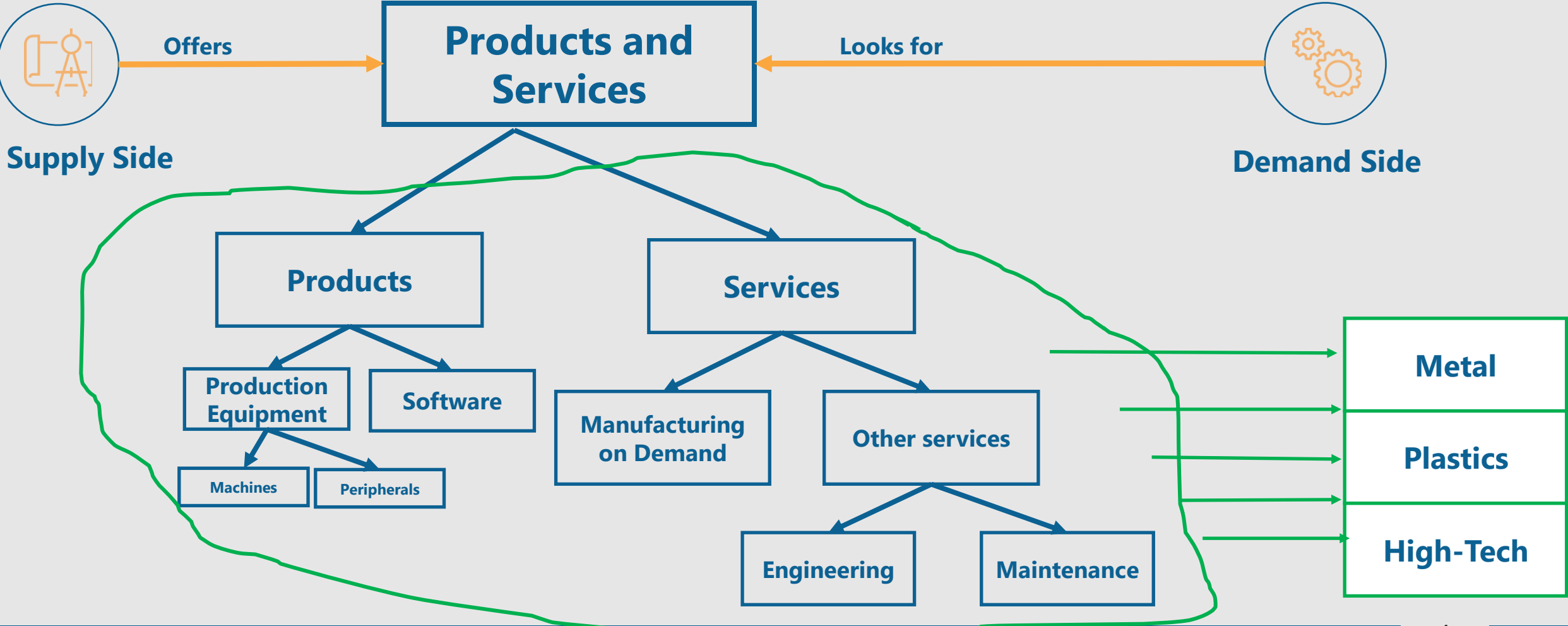
# MARKET4.0: A Marketplace for Manufacturing



## Market4.0 services

- ✓ Connect
- ✓ Search
- ✓ Test / Simulate
- ✓ Tender - Bid
- ✓ Compare
- ✓ Feedback

# Products and Services



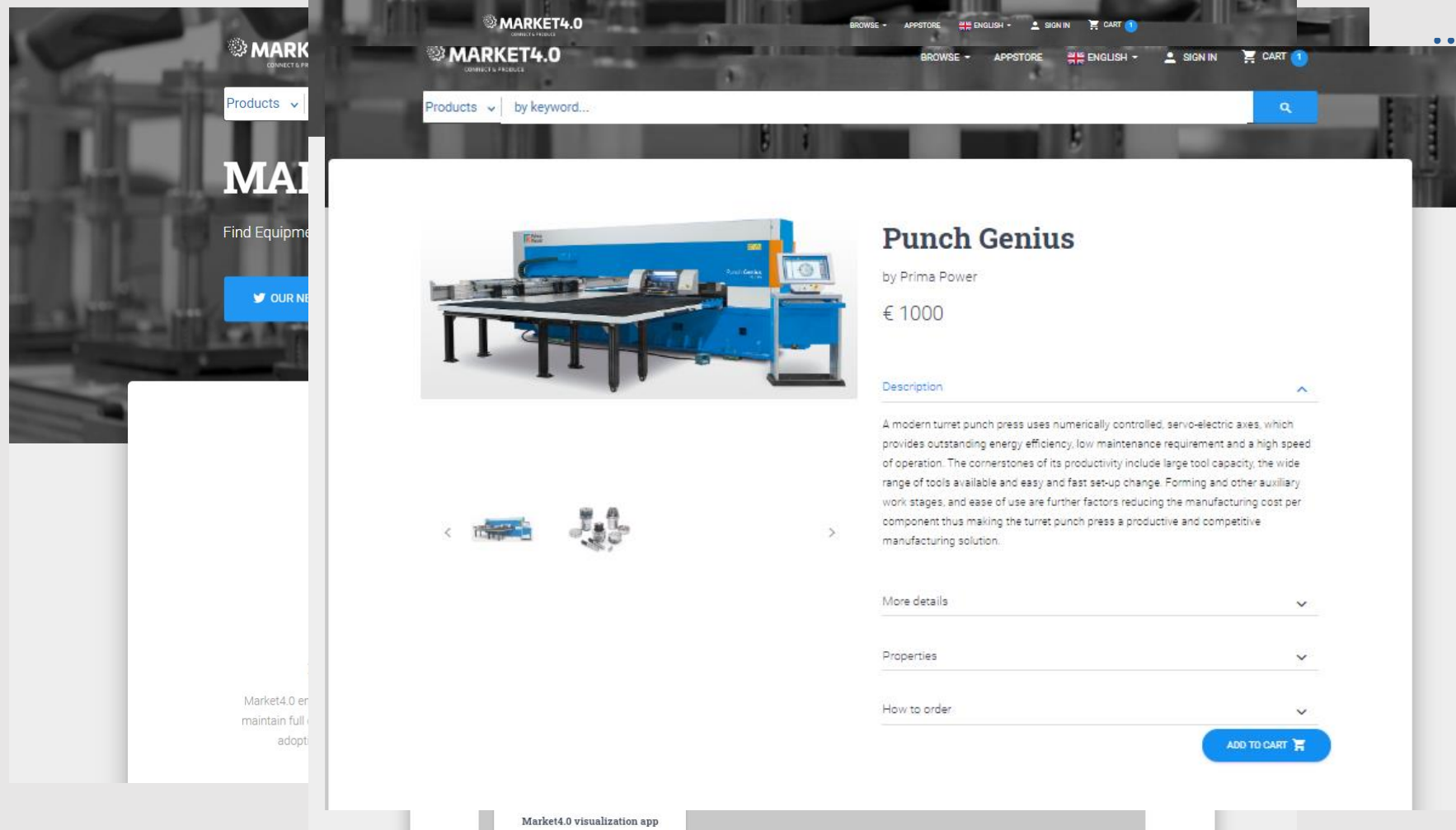
# What does Market4.0 offer ?



- ✓ An e-Commerce Web Portal
- ✓ An Industrial Data Space (IDS) framework for trusted data exchange
- ✓ API for third parties to connect to Market4.0 platform
- ✓ A number of apps to facilitate the collaboration between supplier and customer.
- ✓ Support for on-boarding of new organizations
- ✓ Integration of new apps to the Market4.0 platform



# MARKET4.0 e-Commerce Web Portal



## Web portal

- ✓ Online catalogue
- ✓ Products
- ✓ Services
- ✓ Search

# IDS overview

**International Data Spaces** (IDS) is a peer-to-peer network, a virtual data space that supports the secure exchange and the simple linking of data in business ecosystems on the basis of standards and by means of common governance models.

IDSAs support the realization of the network by providing:

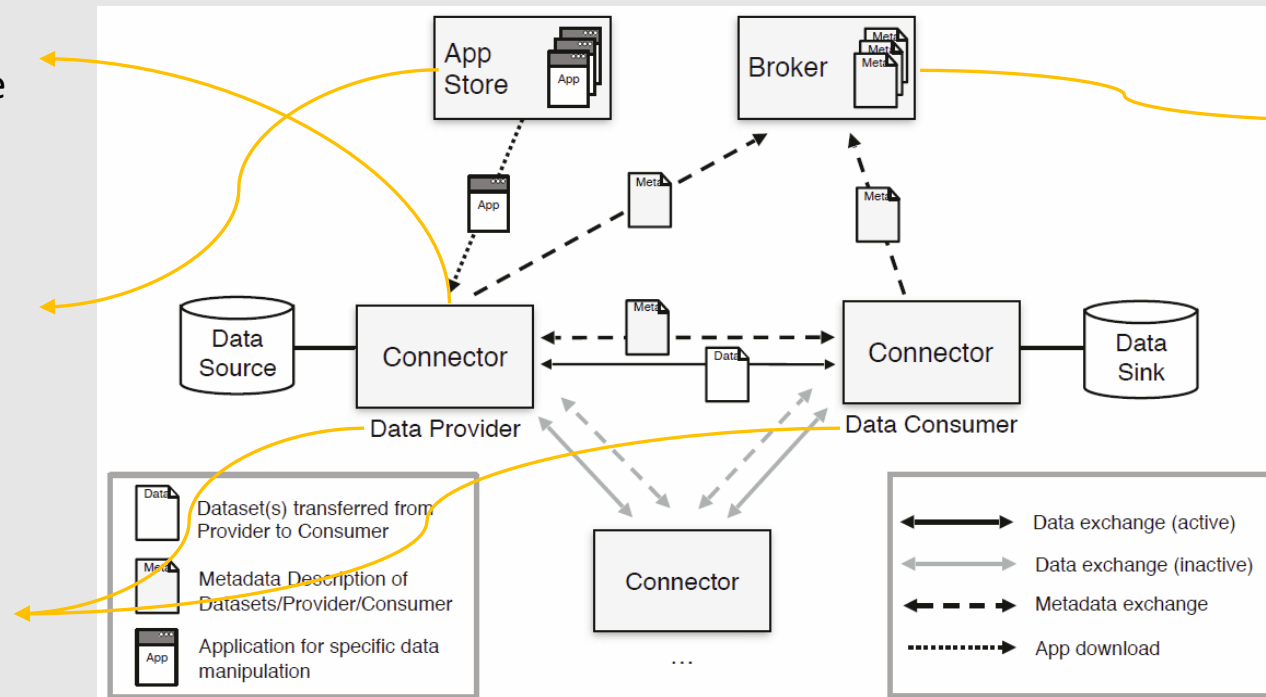
1. *Reference architecture*
2. *Interfaces*
3. *Contractual framework*
4. *Sample code*

# IDS Reference Architecture

The central components to facilitate data exchange and enforce data sharing policies is the IDS connector.

Provides apps for extending the functionality of the connectors.

Data Provider and a Data Consumer are the entities that want to exchange data.



Facilitates connector discovery, and provides access to their meta-data descriptions.

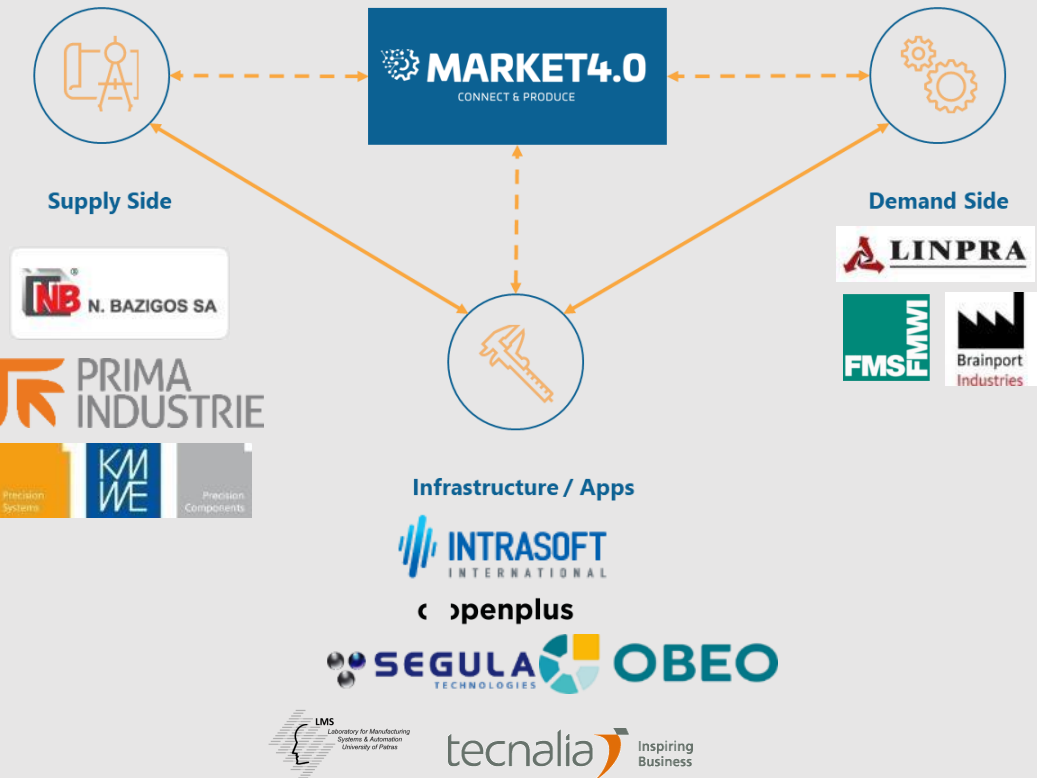
**Clearing House** provides clearing and settlement services for all financial and data exchange transactions.

**Identity Provider** offers a service to create, maintain, manage and validate identity information of and for participants.

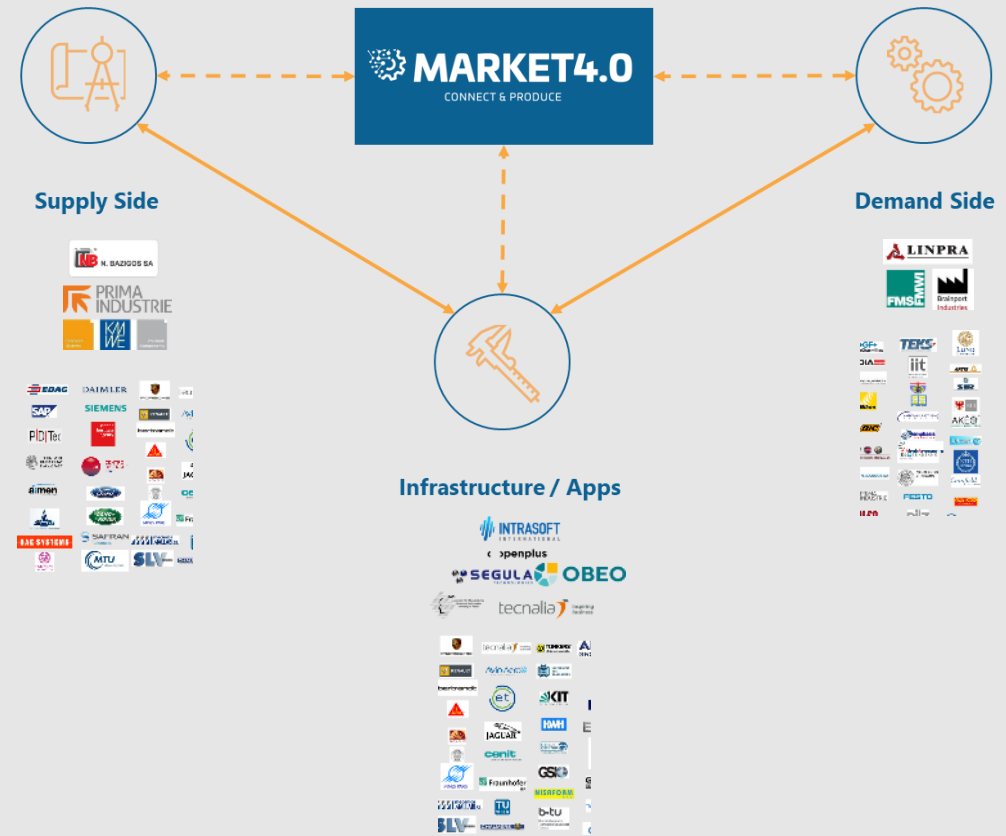


# ECOSYSTEM BUILDING

2020



2021



# THANK YOU



Project Coordinator: **INTRASOFT International SA**



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