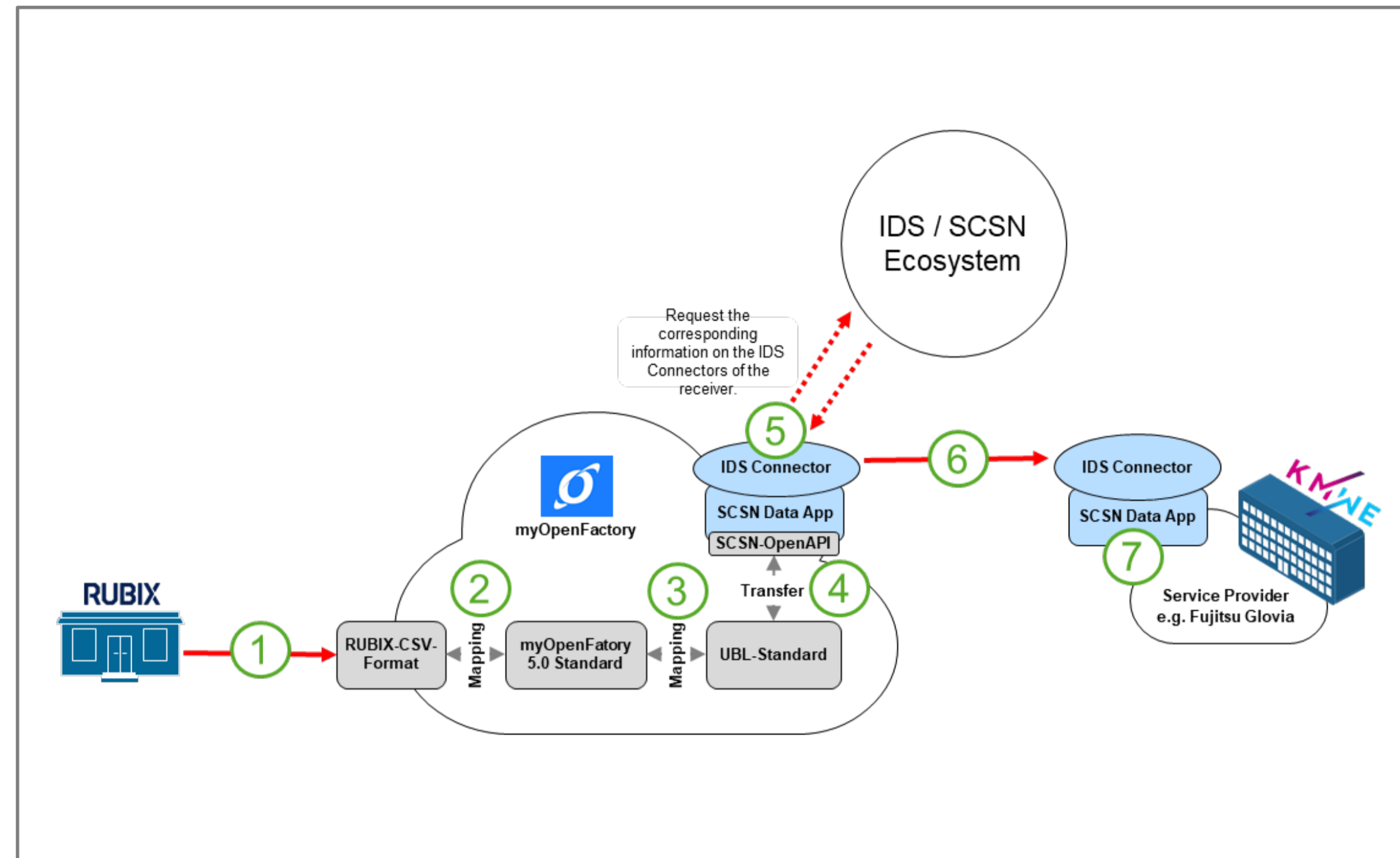


# EDI - Multiply

Standardized Connection of Multiple ERP Providers & Industrial Companies to the SCSN Eco System

## Multiplier Effect for MARKET4.0

To support the widespread use and growth of MARKET4.0, the EDI-Multiply project creates the conditions to indirectly connect companies to the platform via their ERP systems and existing platform connections. Instead of confronting businesses with the decision of whether to join a new platform, the solutions allow them to make use of existing systems and platforms.



## Features

In order to make it more attractive for the providers of ERP systems or other platforms to offer connection to the MARKET4.0 platform and to speed up this process, the project also sets out to develop concepts and standardized templates that will be implemented in a specific use case.

## Validation

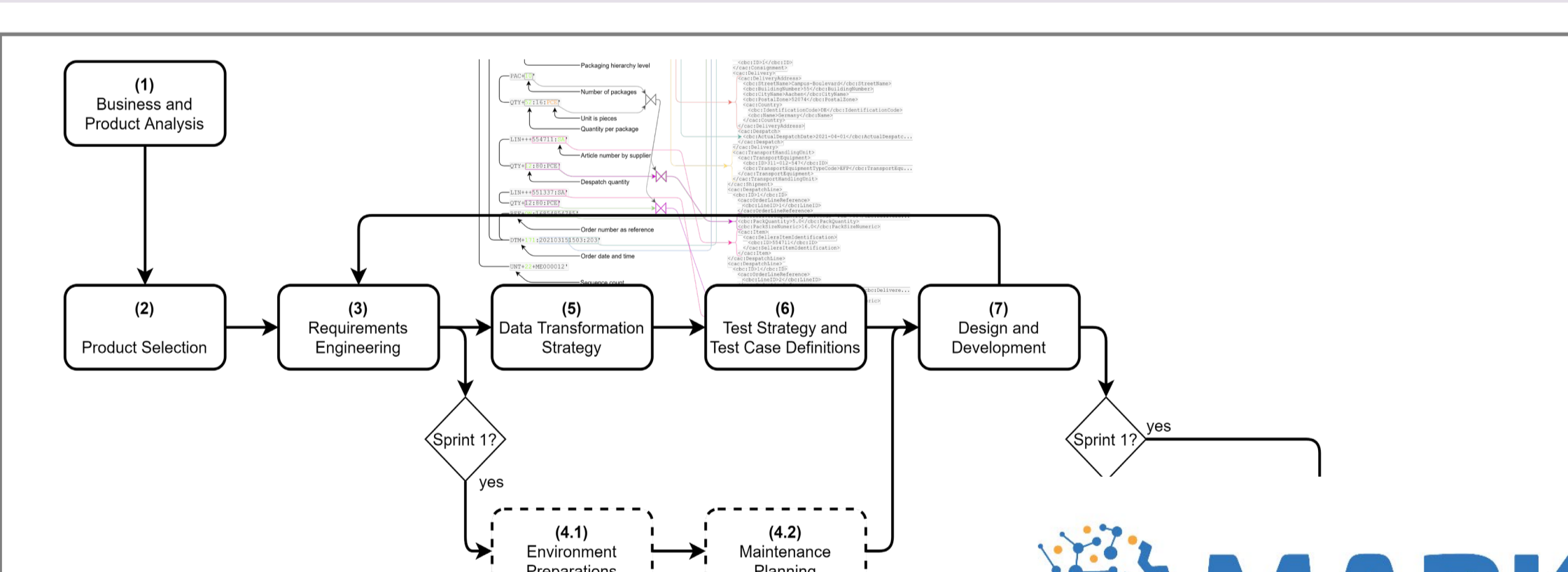
- Active connection of BT Brammer B.V. (Rubix) to the SCSN Eco System via the myOpenFactory platform
- Use of the templates to connect a test system of the Demonstrationsfabrik Aachen

## Benefits

- Enlargement of the SCSN Eco System by connecting myOpenFactory (> 1400 participants)
- Providing templates for faster connection of different ERP systems for the SCSN network

```
<?xml version="1.0" encoding="UTF-8"?>
<Order xmlns="urn:oasis:names:specification:ubl:schema:xsd:Order-2" xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2" xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:oasis:names:specification:ubl:schema:xsd:Order-2 http://docs.oasis-open.org/ubl/OS-UBL-2.1/xsd/maindoc/UBL-Order-2.1.xsd">
  <cbc:ID {cbc:ID-0}</cbc:ID>
  <cbc:IssueDate {cbc:IssueDate}</cbc:IssueDate>
  <cbc:OrderTypeCode {cbc:OrderTypeCode}</cbc:OrderTypeCode>
  <cac:BuyerCustomerParty>
    <cac:Party>
      <cac:PartyIdentification>
        <cbc:ID schemeID="GLN">{cac:BuyerCustomerParty}</cbc:ID>
      </cac:PartyIdentification>
    </cac:Party>
  </cac:BuyerCustomerParty>
  <cac:SellerSupplierParty>
    <cac:Party>
      <cac:PartyIdentification>
        <cbc:ID schemeID="GLN">{cac:AccountingCustomerParty}</cbc:ID>
      </cac:PartyIdentification>
    </cac:Party>
  </cac:AccountingCustomerParty>
  <cac:AnticipatedMonetaryTotal>
    <cbc:PayableAmount currencyID="EUR">{cac:AnticipatedMonetaryTotal}</cbc:PayableAmount>
  </cac:AnticipatedMonetaryTotal>
  <cac:OrderLine>{!--r-1-n--}</cac:OrderLine>
    <cac:LineItem>
      <cbc:ID {cbc:ID-1}</cbc:ID>
      <cbc:Quantity unitCode="KGM">{cbc:Quantity-0}</cbc:Quantity>
      <cbc:LineExtensionAmount currencyID="EUR">{</cbc:LineExtensionAmount>
    </cac:LineItem>
  </cac:OrderLine>
  <cac:Price>
    <cbc:PriceAmount currencyID="EUR">{cbc:PriceAmount}</cbc:PriceAmount>
    <cbc:PriceType>{</cbc:PriceType>
  </cac:Price>
  <cac:Description>{</cac:Description>
  </cac:Order>
</pre>

```



## Acknowledgment

This work has been performed in the context of the EDI-Multiply project, an open call #1 winner of the H2020 MARKET4.0 project (market40.eu), with participation of

- myOpenFactory, [www.myopenfactory.gmbh](http://www.myopenfactory.gmbh)
- FIR an der RWTH Aachen, [www.fir.rwth-aachen.de](http://www.fir.rwth-aachen.de)
- EICe Aachen GmbH / Center Integrated Business Applikations, [www.center-iba.com](http://www.center-iba.com)
- BT Brammer B.V. (Rubix), [www.rubix-group.com](http://www.rubix-group.com)

The H2020 MARKET4.0 project develops an open multi-sided digital platform for enabling production equipment and service providers to connect and work together with manufacturing companies. The MARKET4.0 platform enables new business, based on value-adding interactions among the production equipment and service providers and their customers while at the same time provides an open and participative infrastructure for these interaction