



WCO Data Model

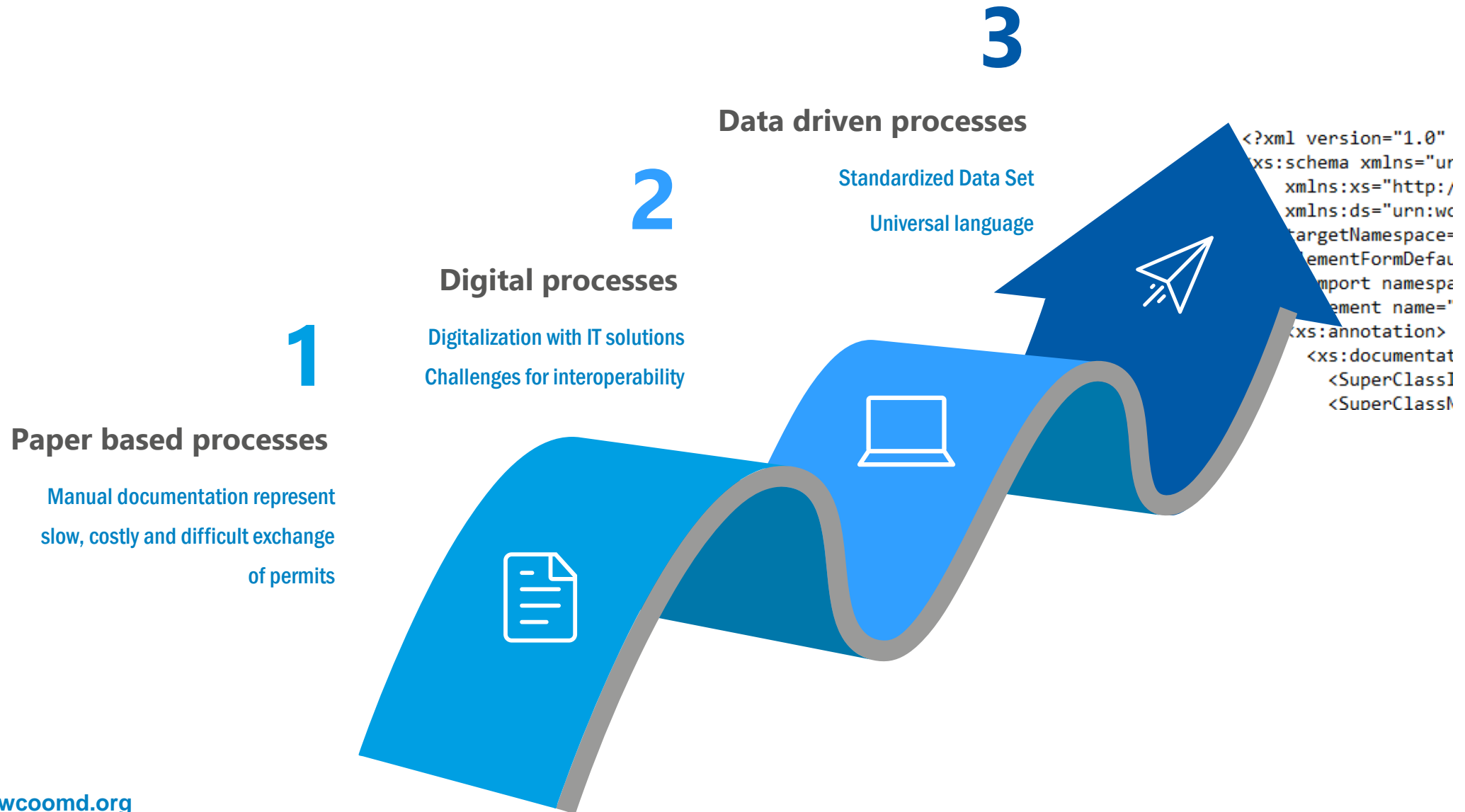
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**WCO Technology Conference and Exhibition
2023**

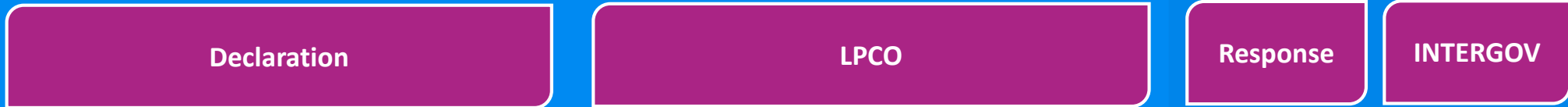
11 October 2022

Streamlining flow of goods and flow of information



Library

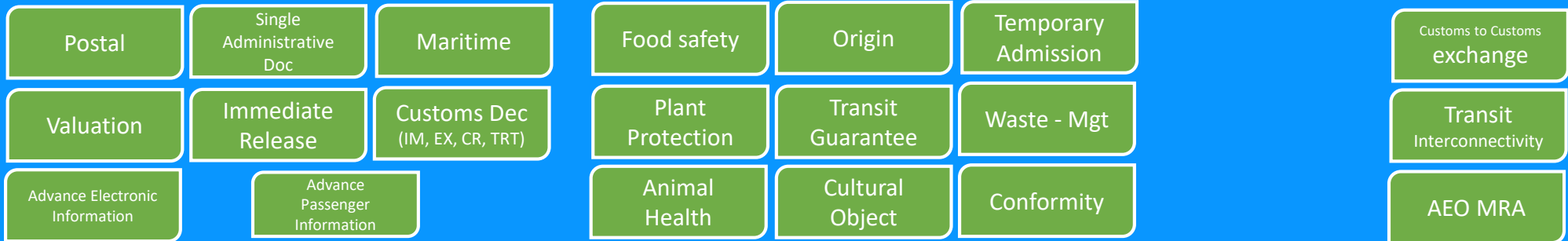
Overall Information Structure



BIPs

AIP

DIP



MyIP

NATIONAL IMPLEMENTATIONS

1

Introduction of the WCO DM App

Interactive web-based application providing ease of use for free

2

Improved quality & simplification

Removing inconsistencies that have emerged over the years in previous versions

3

Increased guidance and support

Increasing the usage guidance and making it available in the DM App

4

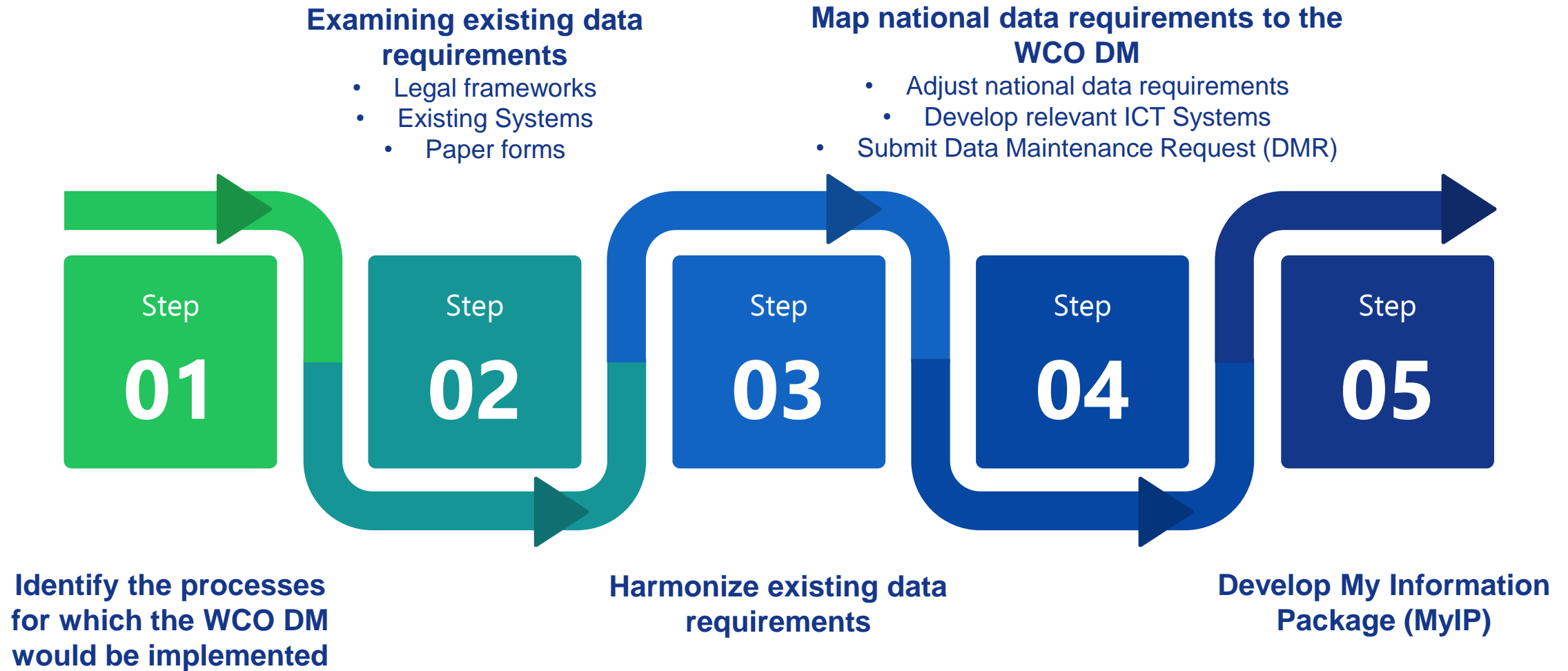
Support for modern technologies

Supporting the **JSON** message format and **Open API**.

4.0

Version 4.0

Version 4 keep the DM at the forefront by supporting cutting edge technologies and making vast improvements to the mode



Where can you find the WCO Data Model?



wcoomd.org/DataModel

The screenshot shows the WCO Data Model page on the World Customs Organization website. The header includes the WCO logo and navigation links. The main content area features the 'WCO Data Model' title and a detailed introduction. The text explains that the WCO Data Model (DM) has been the data foundation for global trade interoperability for over two decades, providing a universal language for cross-border data exchange. It is a compilation of clearly structured, harmonized, standardized, and reusable sets of data definitions and electronic messages designed to meet operational and legal requirements of Customs and other cross-border regulatory agencies (CBRAs) responsible for border management. The DM is mapped to the United Nations Trade Data Elements Directory (UN/EDD) and leverages standards established by international organizations such as the United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) and the International Organization of Standards (ISO) to ensure global interoperability. The DM significantly reduces costs and improves efficiencies for Members and other stakeholders, such as the business community. The current version of the DM, version 3, has evolved to meet the needs of its users over the years. Solutions for Customs automated systems, MultiModal Manifest, and XML were some of the enhancements offered to meet increased governmental regulatory requirements and the demands for new technologies.

datamodel.wcoomd.org

The screenshot shows the WCO Data Model App interface. The header includes the WCO logo and the text 'WCO Data Model App'. The main content area features a large image of a cargo ship with a callout box titled 'The WCO Data Model' which describes it as a compilation of clearly structured, harmonized, standardized and reusable sets of data definitions and electronic messages designed to meet operational and legal requirements of cross-border regulatory agencies (CBRAs), including Customs, which are responsible for border management. Below the image, there are three main sections: 'Browse Information Packages', 'Explore the Data Dictionary', and 'Download Important Resources'. A 'SINGLE WINDOW' banner is also visible at the bottom right.



Thank you

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