

Global adoption of the WCO Data Model (1 July 2020)

Explanation regarding the “Status” categories and numbers

S: Information systems have been checked conformance with the WCO Data Model (Tables showing conformance have been shared with the WCO Secretariat)

P: Projects involving the use of the WCO Data Model are underway or have been completed

M: Mappings of data elements national Information Systems with the WCO Data Model have been produced and (in some cases) shared with the WCO Secretariat

IP: A "My Information Package" has been published by the Member.

NA: Information regarding conformance with the WCO Data Model is not available

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Afghanistan (Islamic Republic)	www.customs.mof.gov.af	ASYCUDA World	2004	S		Afghanistan is user of UNCTAD ASYCUDA World System. All Data Model related development and coordination with WCO is conducted by UNCTAD ASYCUDA Program and as user Country Afghanistan is benefiting from that.	
Albania	www.dogana.gov.al	ASYCUDA World	1992	S		Work was done under a Data Harmonization initiative for South Eastern Europe to align the Declaration with the WCO DM 2.0. (also reported as WCO DM 2.0 in the WCO Survey)	
Algeria	www.douane.gov.dz	SIGAD (Système d'Information et de Gestion Automatisée des Douanes)	1966	P	3.8.1	Le nouveau SI prévoit d'inclure le modèle de données de l'OMD, l'échange de données avec les autres SI au niveau national et international	x
Andorra	www.duana.ad	n.a.	1998	NA			

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Angola	www.agt.minfin.gov.ao	ASYCUDA World	1990	S	3.6.0	Currently we are facing a small challenge regarding consignee name field size (70 Chars). We don't know if the limitation is related to ASYCUDA World database architecture or with WCO data model. The truth is that our taxpayer's names are long and with this field size limitation it's impossible to store the consignee full name. We are dealing with this challenge by using another table in AW to store taxpayer name (consignee name). This is a temporary solution.	x
Antigua and Barbuda	www.customs.gov.ag	ASYCUDA World		NA			x
Argentina	www.afip.gob.ar	SIM (Sistema Informático Malvina)	1968	P	3.8.1	Se destacan desafíos que corresponden a postergar la adopción del modelo por tratar asuntos urgentes, en lugar de importantes; la reticencia a los cambios y contar con presupuesto económico que facilite la implementación del proyecto en todas las áreas.	x
Armenia	https://trade.gov.am/	RA National Single Window for Foreign Trade	1992	P	3.5.0	Differences between the WCO Data Model and the data format and structure requirements, stipulated by the EAEU legislation. The WCO Data model has been adapted to the EAEU legislation requirements.	x
Australia	www.abf.gov.au	Integrated Cargo System	1961	M	version lower 3.0	Partial Alignment with Version 2.0; Partial Alignment with Version 3.0 (different percentages of exact matches found for import and export data sets).	
Austria	www.bmf.gv.at	E-Zoll	1953	NA			x
Azerbaijan	www.customs.gov.az	VAIS (Single Automated Management System of Customs Service)	1992	P		Reported in Single Window Survey: Mapped to Version 2.0.	
Bahamas	http://www.bahamascustoms.gov.bs/	Electronic Single Window (ESW) ("Click2Clear")	1974	S	3.7.0	In 2018, our initial introduction to WCO Data Model, was a challenge. We were preparing the launch of the ESW. There were issues at all corners. We were not familiar with the process of the schema	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
						and follow the mapping. There were many questions but few answers. The WCO provided a 'training seminar' – March 5-9, 2018, which provided relief for our current situation. Dr. Oluimo Da Silva and Mr. Sybrand Bootsma held a WCO Training Course in New Providence, The Bahamas. This course was extremely informative. They assisted our team and guided us thru the Declaration and Manifest Schemas. This training prepared us for presentations in Geneva.	
Bahrain	www.bahraincustoms.gov.bh	OFOQ (based on Trade World Manager)	2001	P			
Bangladesh	http://www.Customs.gov.bd (for ASYCUA World) http://www.bangladeshcustoms.gov.bd (For Information)	ASYCUDA World	1978	S	3.6.0		x
Barbados	customs.gov.bb	ASYCUDA ++	1999	S			
Belarus	www.customs.gov.by	Unified automated information system of Customs Authorities of the Republic of Belarus	1993	NA		The Customs Authorities of the Republic of Belarus together with state bodies and authorized organizations of the member States of the EEU take part in implementation of the concept "Single window" in EEU. Thus together with the Eurasian Economic Commission certain steps are performed in obtaining by the Customs Authorities of the member States of the EEU information about documents needed to perform customs operations issued by the state bodies and/or authorized organizations of other member States of the EEU. In line with abovementioned the Customs Authorities of the Republic of Belarus seek to provide maximum of information cooperation between state bodies at national level.	x
Belgium	fiscus.fgov.be	PLDA (Paperless Douanes et Accises)	1952	P		Reported in Single Window Survey: Mapped to Version 3.0.	x
Belize	www.customs.gov.bz	ASYCUDA World	2008	S			
Benin	www.douanes-beninoises.net	ASYCUDA ++	1998	S			x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Bermuda	www.customs.gov.bm	CAPS (Customs Automated Processing System)	1990	NA			
Bhutan	www.drc.gov.bt /www.mof.gov.bt	- BACS (Bhutan Automated Customs System) - In the process of development of new Customs Management System	2002	M P		- Mapping of BACS data elements with the WCO Data Model version 3.6.0 have been done. However, mapped schedule have NOT been shared with the WCO Secretariat as of date. If required then Bhutan Customs administration is ready to share the same for validation by the WCO experts. - Bhutan is in the initial stage of the development of new web-based system for automated clearance, "Customs Automated System".	
Bolivia	www.aduana.gob.bo	ASYCUDA ++	1997	S			
Bosnia and Herzegovina	www.uino.gov.ba	ASYCUDA World	2008	S		Additional work of mapping with the WCO Customs Data Model Version 2.0 has been carried out.	x
Botswana	https://ecustoms.burs.org.bw/TFB/cusLogin/login.cl https://ecustoms.burs.org.bw/TFBSEW/cusLogin/login.cl	Customs Management System	1978	S	3.8.1		x
Brazil	http://siscomex.gov.br/	Portal Único Siscomex (Single Portal - Foreign Trade Integrated System)	1981	P	3.5.0	The new Single Export Declaration (DUE) is based on WCO DM version 3.5.0, and so the new Single Import Declaration (DUImp) is being developed by the Brazilian Single Window Program (Portal Único Siscomex).	
Brunei Darussalam	www.customs.gov.bn	Brunei Darussalam E-Customs	1996	NA		Reported in Single Window Survey: Mapped to Version 2.0.	
Bulgaria	https://ec.europa.eu/taxation_customs/customs_en	BICIS (Bulgarian Integrated Customs Information System)	1973	P	3.8.1	The European Union maintains its EU Customs Data Model (EU CDM) which is based on the legal requirements by the Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Burkina Faso	www.douanes.bf	ASYCUDA World	1966	P	3	Etant donné que le Burkina Faso utilise SYDONIA WORLD pour gérer les données douanières (90%), nous pensons qu'il est nécessaire que l'OMD et la CNUCED travaillent ensemble pour conformer le modèle de données de SYDONIA à celui de l'OMD. Ainsi, tous les pays utilisant SYDONIA seront conformes au modèle de données de l'OMD.	x
Burundi	www.obr.bi	ASYCUDA World	1964	S		La douane burundaise n'a pas encore adopté le ModèToutefois, dans un proche avenir, l'administration douanière pourra approcher le Secrétariat de l'OMD pour un appui technique dans l'adoption du Modèle de données.	x
Cambodia	www.customs.gov.kh	ASYCUDA World	2001	S		Lack of knowledge about WCO Data Model. Training Should be Provided.	x
Cameroon	www.douanes.cm	CAMCIS (Cameroon Customs Information System) désormais en production dans tous les Bureaux connectés	1965	S	3	Il n'existe pas encore des normes dans les Douanes camerounaises. Difficulté dans l'adoption du taux de sélectivité, de détection de fraude. Adaptation des indicateurs (activité, ciblage, circuit, etc.) ;Adoption du taux de sélectivité	x
Canada	www.cbsa-asfc.gc.ca	Current Commercial System ACROSS (Accelerated Commercial Release Operations Support System)	1971	P		Used Version 1.0 and Version 2.0 in earlier implementations of Canada's Advance Commercial Information (Air and Marine mode initiatives) and used Version 3.2 for eManifest advanced Highway/Rail and House bill information. Used Version 3.5 for eManifest Notices, published in 2016. As of March 29, 2015, Canada's Single Window initiative implemented its Integrated Import Declaration (IID) release service option using version 3.3. The IID further expands the ability for importers/brokers to submit and obtain electronic release for goods regulated by Participating Government Departments and Agencies (PGAs)	
Cape Verde	https://mf.gov.cv/web/direca-geral-das-alfandegas	ASYCUDA World	1992	NA			x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Central African Republic	www.douane-rca.org	ASYCUDA++	1986	S			
Chad	n.a.	ASYCUDA++	2005	S			
Chile	http://comext.aduana.cl/DespachadoresWeb/	DespachadoresWeb	1966	M		The SW project assumed not change the clearance system at first (for example to adopt WCO Data Model), but it developed mappings between SW data and current clearance system. The SW project uses harmonized data set based on WCO Data Model Version 3.1 for the Single Window project SICEX.	x
China	http://online.customs.gov.cn	H2018 system	1983	P	3.7.0	More light should be shed on the publicity of WCO Data model . We recommend WCO secretariat could provide some handbook-like documents to Member Administration.	x
Colombia	www.dian.gov.co	1. Importación: Servicio informático electrónico Muisca carga importaciones (para el ingreso de la mercancía al territorio aduanero nacional) y Sistema informático aduanero SYGA importaciones (para el proceso de nacionalización de mercancías) 2. Exportación: Servicio informático electrónico Muisca salida de mercancías (para exportaciones)	1993	S	3.7.0	Como resultado de la comprobación de conformidad de los sistemas y la normatividad aduanera, con el Modelo de Datos de la OMA, se determinó la NO conformidad. Expedir una nueva normatividad aduanera que atienda a los estándares y mejores prácticas internacionales, así como desarrollar un nuevo sistema aduanero. Se encuentra en desarrollo la redacción de una nueva normatividad aduanera y se están adelantando gestiones para realizar una licitación internacional para la construcción de la nueva plataforma informática aduanera. Ambas actividades teniendo presente la adopción del modelo de datos de la OMA.	x
Comoros	www.douanes.km	ASYCUDA World	1993	P		L'Administration des douanes des Comores travaillent actuellement dans le projet initié par l'union Africaine sur la cartographie des données des Administrations douanières Africaine.	x
Congo	www.douanes.gouv.cg	ASYCUDA ++	1975	S			

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
(Republic of the)							
Costa Rica	www.hacienda.go.cr	Tecnología de la Información para el Control Aduanero (TICA)	2001	P		Recently a workshop was organized to a support national program to modernize TICA and to align national systems with the latest Release of the WCO Data Model	x
Côte d'Ivoire	www.douanes.ci	ASYCUDA World	1963	S			
Croatia	www.carina.gov.hr	e-Carina (National Customs Information System)	1993	NA			
Cuba	www.aduana.gob.cu	GINA	1988	P		Cuba provided information to the WCO regarding alignment with WCO Customs Data Model Version 3.7	
Curaçao	www.douane.cw	ASYCUDA World	2001	NA			x
Cyprus	www.mof.gov.cy/ce	THESEAS (Customs and Excise Electronic Systems)	1967	P		The use of international standards for data and messages especially for the declaration systems import, export and transit will ensure compatibility among customs administrations and trade, specifically for large global traders who must interact with many customs administrations.	x
Czech Republic	www.celnisprava.cz	Czech Customs Information System (ISCS)	1993	NA			x
Democratic Republic of the Congo	www.douanesrdc.com	ASYCUDA World	1972	S			
Denmark	https://ec.europa.eu/taxation_customs/customs_en	EU Member State competence	1952	P	3.8.1	The European Union maintains its EU Customs Data Model (EU CDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EU CDM and most of the clearance systems are national. The answers of Member States may be different.	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Djibouti	www.douanes.dj	ASYCUDA World	2008	S			
Dominican Republic	www.aduanas.gob.do	SIGA (Integrated Customs Management System)	2004	P	3.2.0		
Ecuador	www.aduana.gob.ec	ECUAPASS	1997	M		Experts working in the project reported work that was carried out in aligning with WCO Data Model Version 3.0. Secretariat has not received details.	x
Egypt	www.customs.gov.eg	ECAS (Egyptian Customs Authority System)	1956	P	3.6.0		
El Salvador	www.mh.gob.sv	ASYCUDA ++ ASYCUDA World	2005	S			
Eritrea	n.a.	ASYCUDA++	1995	S			
Estonia	www.emta.ee	COMPLEX	1992	P		Reported in Single Window Survey: Mapped to Version 3.0.	x
Ethiopia	www.erca.gov.et	ASYCUDA ++	1973	S			x
European Union	https://ec.europa.eu/taxation_customs/customs_en	EU Member State competence	2007	S, P, M, IP	3.8.1	The European Union maintains its EU Customs Data Model (EU CDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x
Fiji	www.frca.org.fj	ASYCUDA WORLD	1997	NA			x
Finland	www.tulli.fi	AREX (summary declaration system), ELEX (export system), ITU (import system), NCTS (transit system), UTU (new unified clearance system)	1961	M	3.8.1	As an EU member state, many of the areas of application fall under EU jurisdiction and adaptation status is according to that. Nationally we strive for maximal compatibility with the WCO DM. Even though the model is very large, there still are areas that cannot be directly mapped to the model and workarounds have to be used. The response class is quite limited. Specific to the problem with the	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
						response class, we decided to base even our response messages on the declaration, as some of our messages contain full declaration information. Within the message, we created a Notification group, which contains all of the data that is needed in addition to the declaration data. The structure of the class and its subclasses can be seen here: https://finnishcustomssuomentulli.github.io/MIGs/Import2/en/pages/datamodel.html	
North Macedonia	www.customs.gov.mk	ASYCUDA ++ , NCTS	1994	S		NCTS System follow the European Commission's specifications. Reported in Single Window Survey: Mapped to Version 2.0.	
France	www.douane.gouv.fr	DELTA	1952	P		Reported in Single Window Survey: Mapped to Version 3.0. As part of the process of mapping to the Union Customs Code (UCC) and under the IT work programme (17 projects stemming from the EU's MultiAnnual Strategic Plan), the computerized Customs clearance systems need to be upgraded. The formats and coding will be modified to bring them into line with the data in Annexes A and B to the UCC Delegated Act and Implementing Act. This data is derived in part from the WCO Data Model.	
Gabon	www.douanes.ga	ASYCUDA ++	1965	S			
Gambia	www.gra.gm	ASYCUDA ++	1987	S			x
Georgia	www.rs.ge ; asycuda.rs.ge	ASYCUDA	1993	S	3.7.0		x
Germany	https://ec.europa.eu/taxation_customs/customs_en	EU Member State competence	1952	P	3.8.1	The European Union maintains its EU Customs Data Model (EU CDM) which is based on the legal requirements by the Union Customs Code (UCC). The answers relate to the EU CDM and most of the clearance systems are national. The answers of Member States may be different.	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Ghana	www.gra.gov.gh	GCMS (Ghana Customs Management System)	1968	P	3.6.0	WITH THE ADOPTION OF THE WCO DATA MODEL, EXCHANGING INFORMATION ON TRANSIT OPERATIONS WITH LA COTE D'IVOIRE CUSTOMS WAS SMOOTH. MAIN CHALLENGES WERE MATCHING THE GCMS DATA ELEMENTS WITH THAT OF THE DATA MODEL (VERY INVOLVING AND TIME CONSUMING). THE USE OF THE GEFEG TOOL ASSISTED TO RESOLVE THE CHALLENGES.	x
Greece	WWW.ICISNET.GR	ICIS-net	1952	P		GREECE IS GOING TO IMPLEMENT EUCDM FOR THE IMPLEMENTATION OF UCC PROJECTS	x
Guatemala	https://portal.sat.gob.gt/portal/	SAQB'E (Development in-house)	1985	M		The WCO model was revised in 2014 when the implementation of DUCA begins at the regional level, most of its data was validated, but due to the homologation of data at the regional level in Central America and some unaffected countries, said base is not implemented in a version Specifies the data model, in general there is a lot of information that is already available and adheres to the model, there are topics like standard catalogs, which we don't use all of, only this is using seven. Exchange at the Central American regional level, an XML has been defined for the exchange of information. Making a comparison of the structure with the labels or fields of the model, both for what is internal to the country and for what is already established in the exchange of information at the Central American level, mainly with exports and transits.	x
Guinea	http://dgd.gov.gn/	ASYCUDA WORLD	1991	S			x
Guinea-Bissau	www.minfin.gov.bissau.net/dga	ASYCUDA ++	2010	S			
Guyana	www.revenuegy.org	TRIPS (Total Revenue Integrated Processing System)	1976	NA		Migrating to ASYCUDA WORLD. First module implemented March, 2018. Data Model adopted on a Regional Level in 2018.	

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Haiti	www.douane.gouv.ht	ASYCUDA World	1952	S, P		Haiti uses UNCTAD's ASYCUDA WORLD which is consistent with the WCO Data Model. A Single Window initiative is underway, based on the ASYCUDA World software.	
Honduras	www.dara.gob.hn	SARAH (Sistema Automatizado de Rentas Aduaneras de Honduras)	2005	P		Data mapping of SARAH system has started with the WCO data model version 3.5.	
Hong Kong, China	ACCS (Air Cargo Clearance System) https://www.customs.gov.hk/en/trade_facilitation/ecargo/air/index.html ROCARS (Road Cargo System) https://www.rocars.gov.hk/en/landing_page.html	ACCS (Air Cargo Clearance System) and ROCARS (Road Cargo System)	1987	P		The existing automated clearance systems of Hong Kong Customs have already been mapped to WCO Data Model version 2.0. Hong Kong Customs will review its data model standard with reference to the appropriate version of the WCO Data Model whenever necessary.	x
Hungary	https://ec.europa.eu/taxation_customs/customs_en	EU Member State competence	1968	NA	3.8.1	The European Union maintains its EU Customs Data Model (EU CDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x
Iceland	www.tollur.is	Tollakerfið (Customs IT System)	1971	NA			x
India	www.icegate.gov.in	ICES (Indian Customs EDI System)	1971	S		The Conformity mapping has been completed for WCO DM Version 2.0. The Automated System of Customs is being re-designed in conformity with WCO DM.	x
Indonesia	www.beacukai.go.id	CEISA (Customs-Excise Information System and Automation)	1957	P	3.6.0		
Iran (Islamic Republic)	www.irica.gov.ir & www.irica.ir	ICCS: Integrated Comprehensive Customs Systems (ICCS)	1959	IP	3	Political Challenges	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
of)							
Iraq	www.iraqcustoms.org	n.a.	1990	NA			
Ireland	https://ec.europa.eu/taxation_customs/customs_en	Automated Entry System	1952	P	3.8.1	The European Union maintains its EU Customs Data Model (EU CDM) which is based on the legal requirements by the Union Customs Code (UCC). The answers relate to the EU CDM and most of the clearance systems are national. The answers of Member States may be different.	x
Israel	https://taxes.gov.il/English/customs/Pages/TaxesCustomsLobby.aspx	Global Gate	1958	S	3.1.0	Currently our organization is working together with the Federal Customs Service of Russia to create a platform for preliminary exchange of information. For our organization the implementation of the WCO DM involves many challenges, both technical and financial. We feel that our capacity to contribute and influence in this regard has been limited due to various reasons. Mapping the Data, encouraging the community to make the change when the benefit is not clear. Working diligently to resolve any challenge in special teams.	x
Italy	www.adm.gov.it	AIDA (Integrated Automation for Customs and Excise)	1952	P	version lower 3.0	Italy worked on WCO Data Model Project since the days of the G7 group. Presently stated to be not fully aligned with WCO Data Model. According the UCC (Reg. EU 952/2013) and the related "Work programme" (Art. 278/UCC), in 2020 the national system will be aligned to the EU CDM as defined at EU level that is aligned to WCO Data Model	x
Jamaica	www.jacustoms.gov.jm	ASYCUDA World	1963	S	3.6.0	The propriety system used by other government agencies would not have been built in conformity with the WCO Data Model, which resulted in challenges for integration and data exchange. Implementation of the Jamaican Single Window for Trade to ensure standardization and conformity with the WCO DM, for all cross border regulatory agencies.	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Japan	www.customs.go.jp	NACCS (Nippon Automated Cargo and Port Consolidated System)	1964	P	3.0.0	-	x
Jordan	www.customs.gov.jo	ASYCUDA WORLD DATA MODEL 2	1964	M, S		Mapped to WCO Data Model 2.0(Reported in Survey). Further work done to produce Jordan Single Window Standard Data Set based on WCO Data Model Version 3.0. This work was presented at the WCO.	
Kazakhstan	http://kgd.gov.kz	Customs Automated Information System; Since July 1, 2017- ASYCUDA World	1992	P		the WCO Data Model is used in development of e-documents forms	
Kenya	www.kra.go.ke	SIMBA 2005	1965	NA			
Korea (Republic of)	https://unipass.customs.go.kr	UNIPASS	1968	P	3.4.0	WCO DM standard is updated on an annual basis and the current format is out dated. This requires a whole change in operating system to add new items, which makes updating WCO DM difficult. Korea Customs is using its own KCS DM due to its technical aspect. Korea applied currently activating KCS DM to be registered as WCO DM, which can be used universally throughout the world.	x
Kosovo	http://dogana.rks-gov.net/	ASYCUDA World	2012	NA		Kosovo currently is implementing Asycuda World, Version 4.2.1.	
Kuwait	www.customs.gov.kw	Customized Version of MicroClear product	1993	P		MicroClear conforms to WCO Guidelines, and Kyoto Conventions, it is offering a proven flexibility to provide a higher level of compliance.	
Kyrgyzstan	www.customs.gov.kg	Bajy (Single Automated Information System)	2000	NA			
Lao People's Democratic Republic	www.customs.gov.la	ASYCUDA World	2007	S			
Latvia	https://www.vid.gov.lv/lv	EMDAS (Electronic Customs Data Processing System)	1992	NA	3.5.0	The adaptation of the timetable of WCO Data Model and lack of human resources are the main challenges we have faced as the several projects	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
						had to be implemented at the same time. In addition, the limited funding complicated the process of adoption. The review of internal processes contributed to the adoption process.	
Lebanon	www.customs.gov.lb	NAJM adopted from ASYCUDA World	1960	S		Lebanon is a user of UNCTAD Asycuda world system. All data model related development and coordination with WCO.	x
Lesotho	ecustoms.lra.org.ls:81	ASYCUDA World	1978	S, M		There has not been challenges adopting the WCO model as it is a commitment Lesotho made regionally with all SACU member states. The challenge was not adoption but understanding it, and the training was provided to us by SACU WCO data model experts.	x
Liberia	www.mofrevenue.gov.lr	ASYCUDA World	1975	S			
Libya	www.customs.ly	ASYCUDA World	1983	P		Implementing ASYCUDA World	
Lithuania	www.lrmuitine.lt	MDAS (Customs Declaration Processing System); NTKS (National Transit Control System)	1992	P	3.8.1	The European Union maintains its EU Customs Data Model (EUCDM) which is based on the legal requirements by the Union Customs Code (UCC). The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x
Luxembourg	www.etat.lu/DO	PLDA (Paperless douanes et accises)	1953	NA			x
Macau, China	www.customs.gov.mo	Electronic Data Interchange Clearance System	1993	NA			x
Madagascar	www.douanes.gov.mg	ASYCUDA ++	1964	S			
Malawi	www.mr.mw	ASYCUDA World	1966	S			x
Malaysia	www.customs.gov.my	U-Customs	1964	P	3.4.0	Unstandardized data format between Other Government Agencies and Port Operator system. Standardize related data format by using WCO Data Model 3.4.0 or proceed with DMR for further discussion with WCO Data Model Secretariat.	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Maldives	www.customs.gov.mv	ASYCUDA World	1995	NA	3	Maldives Customs Service is using ASYCUDA WORLD and it is said to be WCO data model compliant.	x
Mali	douanes.gouv.ml	n.a.	1987	NA		Initiated activities to implement ASYCUDA World	
Malta	www.maltacustoms.gov.mt	Customs Electronic System	1968	NA			
Mauritania	n.a.	ASYCUDA ++	1979	S			
Mauritius	www.mra.mu	CMS (Customs Management System II)	1973	S		The main challenge is to have all stakeholders adopt the same model.	x
Mexico	http://omawww.sat.gob.mx/duanasPortal https://www.sat.gob.mx/aplicacion/43072/generacion-doda-qr---pita	Foreign Trade Tax Administration Model (MATCE), is the system that replaces the Comprehensive Automated Customs System (SAAI) by modules. The transmission of the customs declaration is still carried out through SAAI and the activation of the Automated Selection Mechanism in customs clearance is done with MATCE.	1988	P	3.7.0	Confusion and several Data Elements appear to be similar, so derive in wrong mapping. Implementing Integral Governance Strategy. Changes of the team members. Team and Public and goernamental Agencies commitment.	x
Moldova	www.customs.gov.md	ASYCUDA World	1994	S	3.6.0		x
Mongolia	http://www.customs.gov.mn/en/	CAIS (Customs Automated Information System)	1991	NA	version lower 3.0	Answers in points 10 and 11 relate to exchange of manifest data elements with China Customs. The version 2.0 is adopted in 2010 not in full. The project involving the implementation of the WCO DM 3.7 is requested.	x
Montenegro	https://ec.europa.eu/taxation_customs/customs	EU Member State competence	2006	NA		The European Union maintains its EU Customs Data Model (EUCDM) which is based on the legal requirements by the European Union Customs	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
	en					Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	
Morocco	www.douane.gov.ma	BADR (Base automatisée de dédouanement en réseau)	1968	M	3.4.0	Work was done by a national expert to match national requirements and WCO DM Version 3.2. Data Update Requests (DMRs) aiming to modify certain data were sent to the DMPT. These requests were accepted, and the changes were incorporated into MD 3.4.	
Mozambique	www.mcnet.co.mz	MCMS	1987	S		The Mozambique Single Window was designed to conform to international recommendations and standards. The design was based on Singapore model, also deployed in few African countries. The system has two main components: Customs Management System (CMS), and TradeNet electronic data interchange. The MCNet - Mozambique Community Network was the implementation mechanism created for operationalization of the Single Electronic Window. MCNet was established as public/private partnership to ensure both public and private are deeply involved in the process.	
Namibia	www.mof.gov.na	ASYCUDA ++ / ASYCUDA World	1992	S		Work was carried out by a national expert to map WCO DM 3.2 with national requirements.	
Nepal	www.customs.gov.np	ASYCUDA ++	1985	S		Since this latest situation, requests to amend the data were made to the DMPT. The requests accepted have been incorporated in Version 3.4 of the DM.	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Netherlands	www.douane.nl	1. D(eclaration) M(anagement) S(ystem) 2. (Maritime and Air) Single Window 3. O(verzicht) G(edane) A(angiften) 4. Comfort Information 5. XML Syntax message 6. Various Agricultural Messages	1953	S, P, M, IP		1. DMS: Data Model Version 3.20 Working on update to WCO DM DIP EU CDM in combination with WCO DM 3.8.1 2. SW: Data Model Version 3.50 Working on update to WCO DM 3.8.1, publication planned for 2019 3. OGA: Data Model Version 3.20 4. Comfort Information: Data Model Version 3.20 5. XML Control: Data Model Version 3.50 6. Checked for possible usage of Data Model Version 3.60 or higher Still under development, now based on WCO DM 3.8.1 My IPs are available at the WCO secretariat	
New Zealand	www.customs.govt.nz	CusMod / JBMS	1963	P		New Zealand Single Window (Joint Border Management System developed based on Version 3.2.). First release Jan 2013. Utilizing a staged release process. Currently using WCO IM, EX and CRE messages and legacy messaging simultaneously.	
Nicaragua	www.dga.gob.ni	ASYCUDA World	1998	S		Mapping developed between National System and the WCO Data Model and shared with the Secretariat.	
Niger	n.a.	ASYCUDA++	1981	S			
Nigeria	www.trade.gov.ng	NICIS II (Nigeria Integrated Customs Information System)	1963	P, M	3.8.1		x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Norway	www.toll.no	1.TVINN(EDIFACT) 2.NCTS(XML)	1952	1: 0 2: 0 3: P 4: P		1.Using EDIFACT (CUSRES/CUSDEC) 2.EDIFACT for sending messages to Customs, and The Customs covert it to XML. 3.EXF-Express clearance using manifest as pre-information. A project for goods on vehicle, using WCO DM 3.6 dataset. Estimated in production /Pilot in Q3 2018. 4.Courier manifest-Project using WCO DM 3.6 dataset. Estimated in production in Q2 2018	x
Oman	www.customs.gov.om	Mirsal	2000	P		Work is underway to align with the WCO Data Model Version 3.3 in connection with the National Single Window project.	
Pakistan	www.fbr.gov.pk	WeBOC (Web Based One Customs)	1955	P		Access to the WCO Data Model Version 3.6 has been provided by the WCO to Pakistan in February, 2017. Pakistan has a fully developed Computerized Customs Clearance System, namely WeBOC, operational since 2011. Technical training is required to align the data elements of WeBOC in accordance with the WCO Data Model. A request in this regard has already been made by Pakistan Customs to WCO.	
Panama	www.aduanas.gob.pa	SIGA (/Sistema Integrado de Gestión Aduanera/ Integrated Customs Management System)	1996	NA		great interest to begin the process of adopting the WCO Data Model as soon as possible.	
Papua New Guinea	www.customs.gov.pg	ASYCUDA World	2002	S	3.6.0	-	x
Paraguay	www.aduana.gov.py	SOFIA	1969	P		Working on a regional project of MERCOSUR, called Data Model Customs Declarations (known by its Spanish acronym as MODDA), mapped against the WCO Data Model , version 3.5	
Palestine			2015	NA			
Peru	www.sunat.gob.pe	SDA- Customs Clearance System	1970	P	3.7.0	The use of WCO Data Model implies a paradigm shift in the customs clearance and control process that is sometimes difficult to achieve. The information needs of the national customs process require more information than the WCO Data Model	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
						contains. Efforts have been made to implement this paradigm shift in the process redesigns that have been implemented, but sometimes it is difficult to achieve and then it is partially implemented. We have tried to follow WCO Data Model to 100%, however, there are some particularities to adapt it to our national reality.	
Philippines	www.customs.gov.ph	E2M customs system	1980	S	3	The Philippines seeks to be fully compliant with the WCO Data model this will be incorporated in the acquisition of the Philippines New Customs Processing System. Waiting for the new customs system before adoption of the latest WCO Data Model.	x
Poland	www.mf.gov.pl/en/customs-service	ECS2/AES, ICS/AIS, NCTS2, CELINA	1974	M, IP		Work to implement the principles of the WCO DM in deploying new rules in customs systems under UCC regulations and national Single Window environment.	
Portugal	https://ec.europa.eu/taxation_customs/customs_en	EU Member State competence	1953	NA	3.8.1	The European Union maintains its EU Customs Data Model (EUCDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different. Regarding questions 3, 4, 5, 6, 7, 9, 10, 11, 13 and 14 we can inform you that Portugal is working to implement the EU CDM (European Union Customs Data Model).	x
Qatar	www.customs.gov.qa	Single Window	1992	S	version lower 3.0		x
Romania	www.customs.ro	Romanian Integrated Customs Information System (SIIV)	1969	NA		The data sets formats and codes are laid down in EU customs legislation. Currently in Romania is implemented the data requirements defined in the Commission	
Russian Federation	www.customs.ru	Automated Informational system for customs "AIST-M"	1991	P		Version 3.5 of Data Model is used in development of e-documents forms	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Rwanda	www.rra.gov.rw	ReSW (Rwanda electronic Single Window)	1964	S		Continue to enhance electronic data exchange through the EAC region in order to continue implementing the trade facilitation agreements	x
Saint Lucia	www.customs.gov.lc	ASYCUDA World	2005	S			
Samoa	www.revenue.gov.ws	ASYCUDA ++	2001	S			
Sao Tome and Principe	www.alfandegas.st	ASYCUDA World	2009	S			
Saudi Arabia	www.customs.gov.sa	Nebras	1973	P			
Senegal	www.douanes.sn	GAINDE (Gestion automatisée des Informations douanières et des échanges)	1976	P	3.6.0		x
Serbia	www.carina.rs	ISCS, NCTS	2001	P	version lower 3.0		
Seychelles	Asycuda.egov.sc	ASYCUDA World	2000	S	3.6.0		x
Sierra Leone	www.nra.gov.sl/nra/	ASYCUDA ++	1975	S			
Singapore	www.customs.gov.sg	TradeNet	1975	P	3.6.0		x
Slovak Republic	www.financnasprava.sk	ISST (Integrated System for Tariff Administration)	1993	P		Reported in Single Window Survey: Work in relation to adoption underway to Version 3.0.	
Slovenia	https://ec.europa.eu/taxation_customs/customs_en	EU Member State competence	1992	P	3.8.1	The European Union maintains its EU Customs Data Model (EUCDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x
Somalia	n.a.	n.a.	2012	NA			

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
South Africa	www.sars.gov.za	Interfront Customs Border Solutions (iCBS) Declaration Processing System and Manifest Processing System.	1964	P		Reported in Single Window Survey: Version 3.2 used for mapping of goods declaration – processed on Interfront platform Version 3.5 is being used for mapping of cargo reports. SARS is currently migrating its cargo reporting system to the Interfront platform. Adoption will continue through projects like NCAP (New Customs Act Programme), RLA (Registration, Licensing and Accreditation), e-Case and e-Penalty related to RCG (Reporting of Conveyances and Goods).	
South Sudan	Under constructions	n.a.	2013	NA			
Spain	www.agenciatributaria.es	Sistema EDI (Sistema de Intercambio electrónico de datos)	1952	NA	3.8.1	The European Union maintains its EU Customs Data Model (EUCDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x
Sri Lanka	www.customs.gov.lk	ASYCUDA World	1967	S	3.5.0	We are using ASYCUDA World system which is compatible with WCO Data Model	x
Sudan	www.customs.gov.sd	ASYCUDA World	1960	S		ongoing project to implement ASYCUDA World version 4.3.2 by July 2018.	
Eswatini	http://asyw.sra.org.sz/ASYCUDAworld.jnlp	ASYCUDA World	1981	M	3.1.0	Should further intensify the digitisation of customs processes. Our aim now should not only focus on eliminating paper-based Customs procedures with	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
						electronic operations but should further adopt enabling technologies, such as the use of big data and Cloud technologies to increase operational efficiencies. Challenges encountered were broad band network coverage in some parts of the country and the costs of accessing the broad band service. Had to lobby the ICT Ministry Senior Management to influence the Telecommunication Service Providers to extend network coverage to some of the areas that were deemed to be uneconomic.	
Sweden	https://ec.europa.eu/taxation_customs/customs_en	Tess will replace the old system, TDS	1952	P	3.8.1	The European Union maintains its EU Customs Data Model (EUCDM) which is based on the legal requirements by the European Union Customs Code. The answers relate to the EUCDM and most of the clearance systems are national. The answers of Member States may be different.	x
Switzerland	www.ezv.admin.ch/ezv/fr/home.html	E-DEC & NCTS	1952	P	3.4.0	L'Administration Fédérale des Douanes (AFD) a débuté le 1er janvier 2018 un vaste programme de transformation globale qui se prénomme DaziT. Les processus de perception des droits de douane et des redevances sont simplifiés, harmonisés et numérisés de bout en bout. Grâce à des processus plus efficaces et à la numérisation, le programme améliore la sécurité de la population, de l'économie et de l'État dans les domaines de la criminalité transfrontalière et de la migration illégale. Dans le cadre de la concrétisation du programme DaziT, il est notamment prévu d'utiliser le catalogue de données de l'OMD comme futur standard.	x
Syrian Arab Republic	www.customs.gov.sy	ASYCUDA World	1959	S			
Tajikistan	www.customs.tj	UAIS (Unified Automated Information System)	1997	NA			
Tanzania	www.tra.go.tz	Tanzania Integrated customs system TANCIS	1964	S		Initiated activities to implement Tanzania Electronic Single Window System TeSWS	

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Thailand	www.customs.go.th	TCES (Thai Customs Electronic System)	1972	P		Currently, Thailand is using WCO Data Model/Set version 3.1. Our Customs procedure and relevant processes have been enhancing to be simplified and standardized. Upon their concrete accomplishment, the newer version of the WCO Data Model would be utilized nationwide.	
Timor-Leste	www.mof.gov.tl/customs	ASYCUDA ++	2003	S			
Togo	www.otr.tg	ASYCUDA WORLD	1990	S	3.6.0	Technical understanding of the WCO DM / Compréhension technique du MD OMD. Business Process Modelling / Modélisation des processus opérationnels. Nous avons participer aux projets d'interconnexion et lors de ce projet, le modèle de données a été utilisé pour la modélisation des message et la mise en correspondance des messages au modèle de données.	x
Tonga	www.revenue.gov.to	CMS (Customs Management System)	2005	NA			
Trinidad and Tobago	www.customs.gov.tt	ASYCUDA World	1973	S			
Tunisie	www.douane.gov.tn	SINDA (Automated Customs Information System)	1966	P			x
Turkey	www.ticaret.gov.tr	BILGE	1952	P		A new project has been initiated in order to redesign declaration systems of Turkish Customs. The new system has been designed in accordance with the latest version of the WCO Data Model.	
Turkmenistan	customs.gov.tm	n.a.	1993	NA			
Uganda	www.singlewindow.go.ug	ASYCUDA WORLD	1964	S, P, M	3.6.0	URA upgraded from ASYCUDA ++ to ASYCUDA World	x
Ukraine	www.customs.gov.ua	ASCC (Automatized System of Customs Clearance - "Inspector - 2006")	1992	NA		mapping WCO DM Version 3.1 national requirements.	

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Union of Myanmar (Republic of the)	www.customs.gov.mm www.maccs.gov.mm	Myanmar Automated Cargo Clearance System (MACCS)	1991	NA		Myanmar Automated Cargo Clearance System (MACCS) used by Myanmar Customs Department is based on ASEAN Data Model Version 2.0.	x
United Arab Emirates	www.fca.gov.ae	There are several Customs Clearance Systems being used in the UAE currently (Mirsal and Dhabi). The UAE is working on having one national Customs Clearance System.	1979	S, M	3.7.0		x
United Kingdom	www.hmrc.gov.uk	CHIEF (Customs Handling of Imports and Exports Freight)	1952	P		CHIEF will be replaced by the Customs Declaration System (CDS). The CDS replacement of CHIEF will take place in phases and is scheduled to begin in 2019.	x
United States	www.cbp.gov	Automated Commercial Environment	1970	P	3.8.1	A Major contributor to the WCO Data Model Project since the days of the G7 WCO Data Model. Produced the harmonized data set for the Integrated Trade Data System ITDS. The compilation called the ITDS Mega-matrix showed the mapping between the US national Customs and PGA requirements and the WCO Data Model. The US continues to map its existing electronic data interchange (EDI) messages that used in trade data exchange to the WCO Data Model. This is being conducted at the ACE application level and consists of hundreds of inbound and outbound EDI messages. US CBP's electronic trade data exchange landscape is complex and integrates multiple systems. ACE as the single window system is the single point of communication with the trade community. ACE supports over 20 different message formats today with 140+ unique incoming and 180+ unique outgoing EDI messages. It will be very expensive and time consuming for US CBP and the trade community to convert the existing	x

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
						electronic trade data exchange landscape to a new format based on the WCO Data Model. We regularly conduct outreach and communications with the trade community highlighting the benefits of new electronic formats and the WCO Data Model. We actively participate in WCO Data Model Projects Team (DMPT) meetings to improve the capacity of the WCO DM in preparation for an increased demand on the DMPT should US CBP and the trade community become fully engaged with the WCO DM.	
Uruguay	www.aduanas.gub.uy	LUCIA	1977	P	3.8.1	WCO DM has been partially implemented for import and export special regimes declarations, in a partnership with SW national authority. Besides Uruguayan Customs continues working on a MERCOSUR regional project called "Harmonization of the Data Model of Customs Declarations (MODDA)", which is coordinated by the Customs of Uruguay, and whose purpose is the application of DM in customs declarations and in the electronic exchange of data through INDIRA System. It is expected for 2020-2021 to develop and test an INDIRA version as a "Proof of concept" of these specifications. MODDA Group is also working to build a Derived Information Package, aligned with DMPT and SAFE workings, on AEO electronic information exchange. Proper understanding of the DM, use of English language in parts of the specifications of customs declarations, Harmonization, drivers for the development projects. Diffusion of the WCO DM, to find the right level of the English specifications, approaching by phases.	x
Uzbekistan	www.customs.uz	ASTD CCD (Automated data processing of customs declarations)	1992	NA		In December 2013, Uzbekistan received a preparatory workshop on the WCO Data Model in preparation of their national Single Window Project.	

Country Name	Customs Website Address	Name of Automated Clearance System	Year of WCO Accession	Status of Adoption WCO Data Model	Version of WCO DM adopted	Remarks	2020 Survey
Vanuatu	customsinlandrevenue.gov.vu	ASYCUDA ++	2009	S			
Venezuela	www.seniat.gov.ve	ASYCUDA	1996	S			
Vietnam	www.customs.gov.vn	VNACSS/VCIS system, Ecustoms V5 system	1993	P		Viet Nam Automated Cargo Clearance System (VNACCS) was put into operation nationwide in 1st April, 2014.	x
Yemen	www.customs.gov.ye	ASYCUDA ++	1993	S			
Zambia	www.zra.org.zm	ASYCUDA ++	1978	S			
Zimbabwe	www.zimra.co.zw	ASYCUDA World	1981	S		Stakeholder awareness and buy in. Stakeholder engagement.	x

Year	S		P		M		IP		NA		Total
2014	62	34.6	41	22.9	11	6.2	0	0	65	36.3	179
2015	71	39.7	42	23.5	11	6.1	0	0	55	30.7	179
2016	72	40.0	49	27.2	12	6.7	0	0	47	26.1	180
2017	71	39.0	50	27.4	15	8.2	0	0	46	25.2	182
2018	74	40.6	55	30.2	12	6.6	0	0	41	22.5	183
2019	72	39.4	58	31.7	12	6.6	0	0	41	22.4	183
2020	70	38.2	60	32.8	11	6.0	2	1.1	40	21.9	183