

SDG-HS-NTM Concordance

EGM on Navigating Non-Tariff Measures toward Sustainable Development

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SDG-HS-NTM Concordance

HS-NTM code pair has direct linkage to an SDG

- if NTM has a clearly stated SDG-related objective
e.g. SPS measures for the protection of human health, animal and plant life; regulations on energy performance, vehicle emissions, noise generation; regulations on use of international nonproprietary names for generic medicines; etc.
- if HS-NTM combination is not likely to have any objective other than the one that is relevant to an SDG
e.g. trade in hazardous chemicals and waste, narcotic drugs, endangered species of flora and fauna, cultural heritage items, arms and weapons, etc.

Resulting HS-NTM code pairs have **positive intended impact** on SDG achievement (stated or implied)

Negative/positive externalities of NTMs are NOT reflected in TRAINS



SDG-HS-NTM Concordance Matrix

SDG	Target	Product description	HS	NTM	Keywords	A/C/Cw
SDG_2	Target 2.4	All agricultural raw materials for food	010111; 010119; 010120; 010121; 010129; 010130;	A1; A5; A6; A8	pest; quarantine, disease;	C
SDG_3	Targets 3.1; Target	Medicines (dosified and bulk, inputs to	263628; 281830; 283322; 284210; 284290; 284330;	N; B31; B32; B33	TRIPS; Paragraph 6 System;	CwK
SDG_3	Target 3.5	Narcotic drugs	121130; 121140; 121150; 121190; 130190; 130211;	B11; B31; B33;	dangerous; narcotic;	CwK
SDG_3	Target 3.a	Tobacco, tobacco products, tobacco	240110; 240120; 240130; 240210; 240220; 240290;	B11; B14; B15;	NA	C
SDG_3	Target 3.4	All intermediate and final food	020900; 021011; 021012; 021019; 021020; 021090;	A2; A3; A4; A63;	NA	C
SDG_3	Target 3.5	Food grade alcohol	220300; 220410; 220421; 220422; 220429; 220430;	B31; B32; B33;	health, warning, monitoring,	CwK
SDG_3	Target 3.6	Motor vehicles, motorcycles, their	870110; 870120; 870130; 870191; 870192; 870193;	B11; B7; B8;	safety; belts; restraint;	CwK
SDG_6	Target 6.4	Water-using equipment and	392210; 392220; 392290; 691010; 691090; 732410;	B31; B32; B7;	water efficiency; water	CwK
SDG_7	Target 7.3	Electricity and fuel using appliances,	840110; 840120; 840130; 840140; 840211; 840212;	B31; B32; B7;	energy performance; energy	CwK
SDG_11	Target 11.6	Fuel-using motor vehicles	870110; 870120; 870130; 870191; 870192; 870193;	B31; B32; B7;	emission; pollution,	CwK
SDG_11	Target 11.4	Works of art; collectors' pieces and ant	970110; 970190; 970200; 970300; 970400; 970500; 970	B11; B14; B15;	historical; heritage; art;	CwK
SDG_12	Target 12.2	Raw and intermediate inputs to	250200; 250300; 250310; 250390; 250410; 250490;	B33; B42; B32	spoilage; spoil; damage;	CwK
SDG_12	Target 12.2	Any product produced using sustainable management of processes	0101; 0102; 0103; 0104; 0105; 0201; 0202; 0203; 0204; 0205; 0206; 0207; 0208; 0209; 0210; 0301; 0302; 0303;	B4; B7; B8; B11; B31; B32	sustainable; life-cycle; eco- design; eco-design;	A
SDG_12	Target_12.3	Foodstuffs and agricultural products	020110; 020120; 020130; 020210; 020220; 020230;	B33; B42; B32	spoilage; spoil; damage;	CwK
SDG_12	Target_12.4;	Hazardous chemicals and waste	051199; 252410; 252490; 262019; 262021; 262030;	B11; B14; B15;	ODP; Basel; carbon	C; CwK
SDG_12	Target_12.5	Single-use plastic	390110; 390120; 390130; 390140; 390190; 390210;	B11; B31; B32;	non-biodegradable;	CwK
SDG_14	Target 14.4; Target	Fish and crustaceans, mollusks and	030111; 030119; 030191; 030192; 030193; 030194;	A83; B83; B11;	IUU fishing; illegal,	CwK
SDG_15	Target 15.7; Target	Endangered species of flora and fauna	010129; 010130; 010190; 010239; 010290; 010391;	A11; A14; B11;	CITES; C.I.T.E.S.; Convention	CwK
SDG_15	Target 15.8	Genetically modified living organisms	01; 010594; 010611; 010619; 010649; 010690; 02;	A11; B11; A14;	LMO, GMO+living,	CwK
SDG_15	Target 15.8	Invasive species	010111; 010119; 010120; 010121; 010129; 010130;	A11; A14; B11;	alien; invasive; alien	CwK
SDG_16	Target 16.4; Target	Arms and ammunition; parts and	930110; 930120; 930190; 930200; 930310; 930320;	B31; B32; B33;		C
SDG_16	Target 16.4; Target	IED related products	281119; 282911; 282919; 282990; 282990; 282990;	B11; B14; B31;	explosive; explosive	A
SDG_16	Target 16.4; Target	Weapons of mass destruction	281112; 281211; 281212; 281213; 281214; 281215;	B11; B14; B31;	nuclear weapons; chemical	CwK

SDG-HS-NTM Concordance Matrix

Total 119 entries

- 42 entries “Clear” or “Clear with keywords”
- 77 entries “Ambiguous” or “Indirect”

Method

- Evaluate targets/indicators/metadata for relevant product groups and NTMs affecting trade in them
- Isolate combinations where presence/absence of NTM is sufficient to infer direct impact on the examined SDG
- Check UNCTAD TRAINS, WTO I-TIP Goods, WTO EDB, etc. for viability
- Identify keywords where necessary



KEYWORDS ARE NECESSARY IN MOST CASES DUE TO VARIOUS REASONS

Target 7.3

Electricity and fuel using appliances, equipment, vehicles and machinery for household, commercial and industrial use

Technical regulations on energy/fuel performance, compliance measures, bans on importation of not compliant or old goods, energy performance labelling

Technical NTMs under same MAST code may have other regulatory purposes (regulations on safety, electromagnetic compatibility, pollutant emissions, water efficiency, use of chemicals substances, etc.)

Target 3.5

Narcotic drugs

Regulations on traceability, product and importer/exporter registration & authorization, import/export prohibitions, restrictions on import and distribution channels, etc.

6-digit HS codes contain sensitive goods regulated for other purposes (hazardous chemicals, chemical weapons).

Target 15.7,
15.c

Endangered species of flora and fauna

Regulations on traceability, product and importer/exporter registration & authorization, import/export prohibitions, restrictions on import and distribution channels, etc.

6-digit HS codes do not distinguish between endangered and not endangered species



Examples of indirect impact

- SDG8.4 on sustainable consumption and production has same indicators as **SDG12.2 on sustainable and efficient use of resources**
- **Reducing use of single-use plastic (SDG12.5)** can contribute to reducing impact of water-related disasters in cities (SDG11.5) and to decreasing plastic debris density in coastal areas (SDG14.1)
- SDG12.2 on sustainable and efficient use of resources can be facilitated by regulating **water and energy efficiency of goods (SDG6.4 and 7.3)**
- **Prevention of spreading of dangerous pests (SDG2.4)** is beneficial to controlling transboundary movement of invasive species (SDG15.8)
- Reduction of deaths and illnesses from hazardous chemicals and pollution (SDG3.9) can be facilitated by **reducing vehicle emissions (SDG11.6), controlling use of hazardous chemical and waste (SDG12.4), and regulating contaminants in food (SDG3.4)**



Some special cases

Non-tariff measures regulating

- Trade in conflict minerals, other than rough diamonds (SDG 16)
- Non-product related processes and production methods (SDG 12, 14, 15, 16)
- Protection of intellectual property rights (SDG 16)

Currently are not recorded in TRAINS

but have potential to be recorded in the future



Other indirect and ambiguous linkages

Impact of NTMs on access to goods and technologies

- Discrepancies in NTMs
- Excessive NTMs
- Negative externalities on other SDGs
- Procedural obstacles

These aspects are not reflected in the TRAINS database



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