

## Germany

### Basic statistics

Current diversification (number of products)	27,741	Potential new products more complex (percentage)	88
Potential new products	201	Export opportunity in more complex products (percentage)	31
Potential new products more complex than the country's average	177	Import replacement opportunity in more complex products (percentage)	10

### Potential new sectors for diversification (All products)

Sectors with higher export opportunities (percentage of export opportunities)

Product	Percent
Clocks and watches and parts thereof	32
Machinery & mech appliance etc	27
Electrical, electronic equipment	20
Railway, tramway locomotives, rolling stock, equipment	14
Organic chemicals	2
Inorganic chemicals, precious metal compound, isotopes	1
Optical, photo, technical, medical, etc apparatus	1
Sum of others with smaller share	2

Top markets for potential new products (percentage of export opportunities)

By countries

Country	Percent
France	23
Hungary	11
Switzerland	10
China	9
China, Hong Kong SAR	8
Indonesia	7
Pakistan	4
India	3
Norway	3
Malaysia	3
Australia	3
Others	6

By regions

Region	Percent
Asia	39
Western Europe	35
Eastern Europe	12
Northern Europe	5
Oceania	3

Potential new sectors for diversification (Agri-business products)

Sectors with higher export opportunities (percentage of export opportunities in agri-business)

Product	Percent
Live animals	59
Animal, vegetable fats and oils, cleavage products, etc	30
Oil seed, oleagic fruits, grain, seed, fruit, etc, nes	4

Sugars and sugar confectionery	3
Cereals	1
Edible vegetables and certain roots and tubers	1
Fish, crustaceans, molluscs, aquatic invertebrates nes	1
Cereal, flour, starch, milk preparations and products	1

Top markets for potential new agri-business products (percentage of export opportunities)

By countries

Country	Percent
USA	39
France	15
China, Hong Kong SAR	13
Saudi Arabia	10
Luxembourg	6
Sweden	3
South Africa	3

By regions

Region	Percent
Northern America	39
Asia	24
Western Europe	23
Northern Europe	7
Sub-Saharan Africa	5

Potential new products for diversification

Potential new products with higher export opportunity and top 3 growing markets

Product category	(HS code) Product description, unit price range	Top growing markets (USD million)			Export opportunity (USD million)
		#1	#2	#3	

Catalogue of Diversification Opportunities 2022

Live animals	(010119) Horses, live except pure-bred breeding, \$289056-424711	US 4	HK 1.3	LU .6	6.2
	(010519) Poultry, live except domestic fowls, < 185 grams, \$82-285	CD 0	CL 0	SC 0	0.0
Inorganic chemicals, precious metal compound, isotopes	(284590) Isotopes, compounds, \$6097-9425	FI 2.6	SG 2.6	FR 2.4	8.0
	(282741) Chloride oxides and chloride hydroxides of copper, \$10-18	PH .1	DK .1	CH .1	0.3
	(282200) Cobalt oxides and hydroxides, \$560-1183	IE .2	GB 0	KR 0	0.2
	(282520) Lithium oxide and hydroxide, \$241-454	ES .1	RU 0	BO 0	0.1
	(281210) Chlorides and chloride oxides of non-metals, \$719-2154	CN 0	BE 0	MU 0	0.0
Organic chemicals	(290124) Buta-1, 3-diene and isoprene, \$3-8	CZ 9.9	FR .4	US .3	10.9
	(292421) Ureines, derivatives, salts thereof, \$2031-4166	FR 8.8	IT .1	EG .1	9.0
	(291816) Gluconic acid, its salts & esters, \$373-735	CH 1	RU 0	CZ 0	1.0
	(291423) Ionones and methylionones, \$1485-3826	AU .2	BE .2	DK 0	0.5
	(293623) Vitamin B2, derivatives, unmixed, \$870-4560	KR .4	SI 0	MT 0	0.4
Manmade filaments	(540720) Woven fabric of strip etc, synthetic textile material, \$22-77	AE .9	PL .6	ID .6	3.9
	(540823) Woven fabric >85% artif filament/strip, yarn dyed, ne, \$86-112	KR .2	HU .2	CN .1	0.7

Catalogue of Diversification Opportunities 2022

	(540259) Yarn synth filament, single, >50 turn/m nes not retail, \$224-482	US .1	FI 0	NO 0	0.1
	(540831) Woven fabric of artif filament, unbl/bleached, nes, \$114-264	JP 0	MG 0	MY 0	0.0
	(540310) Hi-ten yarn not sewing, viscose rayon, not retail, \$150-301	HK 0	CH 0	FR 0	0.0
Machinery & mech appliance etc	(841182) Gas turbine engines nes of a power > 5000 kW, \$5317670-6072953	HU 150.5	NO 41.3	SG 14.5	217.2
	(845710) Machining centres, for working metal, \$1223787-2154154	CN 70	DK 2.2	UZ 2	77.1
	(847730) Blow moulding machines for rubber or plastic, \$439032-535424	CN 29.4	AU 2.8	NL 1.5	36.4
	(848060) Moulds for mineral materials, \$421-560	CN 29.1	JP .1	HR 0	29.1
	(846130) Metal broaching machines, \$323569-678535	US 10.8	PL .5	DE .4	11.7
Electrical, electronic equipment	(854290) Parts of electronic integrated circuits etc, \$947-1258	HK 106.5	ID 99.8	MY 36.7	271.9
	(854310) Particle accelerators, \$7400-28792	US 6.7	CN .6	BR .3	8.1
	(853939) Discharge lamps, other than ultra-violet lamps, nes, \$272-677	FI 1.1	CN .9	IE .4	3.7
	(854610) Electrical insulators of glass, \$80-133	DE 2.2	MY .3	JM .3	3.0
	(851490) Parts of industrial/etc electric furnaces/ovens nes, \$243-335	MY 1	BR .4	KR .4	2.7

Catalogue of Diversification Opportunities 2022

Railway, tramway locomotives, rolling stock, equipment	(860210) Rail locomotives, diesel-electric, \$2332139-5450186	PK 52.5	IN 43.3	AU 38.2	194.0
	(860290) Rail locomotives non-electric and locomotive tenders, \$308483-747206	LA 3	US 2.9	CA 2.1	9.1
Vehicles other than railway, tramway	(870310) Snowmobiles, golf cars, similar vehicles, \$0-2650	DO 4.9			4.9
	(871190) Motorcycles with other than a spark ignition engine, \$0-303	DO .9			0.9
Optical, photo, technical, medical, etc apparatus	(902990) Parts and accessories of revolution counters, etc, \$485-601	GB 6.5	HK 2.1	KR 1.1	12.5
	(903031) Electrical multimeters, \$0-34	DO .1			0.1
	(901020) Equipment for photographic laboratories nes, \$0-189	DO .1			0.1
	(900653) Cameras for 35 mm roll film except single lens reflex, \$0-8	ZA 0			0.0
Clocks and watches and parts thereof	(910111) Wrist-watch, precious metal, battery, with hands, \$54536-73284	FR 319.5	CH 137.2		456.7
	(910511) Alarm clocks, battery or mains powered, \$1579+	MY 0	US 0		0.0
	(910111) Wrist-watch, precious metal, battery, with hands, \$0-54	DO 0			0.0

Potential new agri-business products with higher export opportunity and top 3 growing markets

Product category	(HS code) Product description, unit price range	Top growing markets (USD million)			Export opportunity (USD million)
		#1	#2	#3	

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Live animals	(010119) Horses, live except pure-bred breeding, \$289056-424711	US 4	HK 1.3	LU .6	6.2
	(010519) Poultry, live except domestic fowls, < 185 grams, \$82-285	CD 0	CL 0	SC 0	0.0
Fish, crustaceans, molluscs, aquatic invertebrates nes	(030542) Herrings, smoked, including fillets, \$16-17	SN 0	LC 0	KZ 0	0.0
	(030710) Oysters, \$67-127	SA 0	ZA 0	KR 0	0.0
	(030549) Smoked fish & fillets other than herrings or salmon, \$149-300	GD 0	MV 0	MA 0	0.0
Edible vegetables and certain roots and tubers	(071022) Beans, frozen, uncooked steamed or boiled, \$28-58	FI .1	LB 0	KR 0	0.1
Cereals	(100200) Rye, \$20-44	IT .1	LU 0	CZ 0	0.1
	(100820) Millet, \$26-89	FI .1	GR 0	BB 0	0.1
Milling products, malt, starches, inulin, wheat gluten	(110820) Inulin, \$43-84	ES 0	FI 0	SV 0	0.0
Oil seed, oleagic fruits, grain, seed, fruit, etc, nes	(121220) Seaweeds and other algae,, \$78-91	SA .4	UA 0	QA 0	0.4
Animal,vegetable fats and oils, cleavage products, etc	(150590) Derivatives of wool grease (including lanolin), \$41-79	FR 1.5	ZA .3	BE .2	2.4
	(151920) Acid oils from refining, \$10-19	SA .6	EG 0		0.6
	(151519) Linseed oil,fractions, refined not chemically modifie, \$120-221	CH .1	GR 0	FR 0	0.1
	(150990) Olive oil, fractions, refined, not chemically modifie, \$90-124	KR 0	ID 0	KW 0	0.0

Catalogue of Diversification Opportunities 2022

	(151110) Palm oil, crude, \$59-90	SA 0	BW 0	CL 0	0.0
Sugars and sugar confectionery	(170210) Lactose and lactose syrup, \$11-15	QA .1	CL .1	MY .1	0.3
Cereal, flour, starch, milk preparations and products	(190110) Infant foods of cereals, flour, starch or milk, retail, \$144-180	TG .2	PF 0	GT 0	0.2
Beverages, spirits and vinegar	(220590) Vermouth and other flavoured grape wines - pack > 2l, \$83-169	BE 0	GR 0	FR 0	0.0
Tobacco and manufactured tobacco substitutes	(240290) Cigars, cheroots, cigarettes, with tobacco substitute, \$346-642	SG 0	RW 0	NO 0	0.0