

Luxembourg

Basic statistics

Current diversification (number of products)	10,865	Potential new products more complex (percentage)	72
Potential new products	1,964	Export opportunity in more complex products (percentage)	54
Potential new products more complex than the country's average	1,419	Import replacement opportunity in more complex products (percentage)	63

Potential new sectors for diversification (All products)

Sectors with higher export opportunities (percentage of export opportunities)

Product	Percent
Machinery & mech appliance etc	16
Organic chemicals	14
Pharmaceutical products	10
Electrical, electronic equipment	8
Inorganic chemicals, precious metal compound, isotopes	7
Vehicles other than railway, tramway	7
Optical, photo, technical, medical, etc apparatus	6
Paper & paperboard, articles of pulp, paper and board	3
Plastics and articles thereof	3
Articles of iron or steel	2
Sum of others with smaller share	25

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

By countries

Country	Percent
USA	19
China	8
France	6
United Kingdom	5
Germany	5
Canada	3
Italy	3
Japan	3
Rep. of Korea	3
Singapore	3
Others	26

By regions

Region	Percent
Asia	32
Northern America	22
Western Europe	17
Northern Europe	8
Southern Europe	7
Eastern Europe	6
South America	3

Potential new sectors for diversification (Agri-business products)

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

Product	Percent
Tobacco and manufactured tobacco substitutes	18
Meat and edible meat offal	18
Live animals	18

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Residues, wastes of food industry, animal fodder	11
Animal,vegetable fats and oils, cleavage products, etc	9
Products of animal origin, nes	6
Fish, crustaceans, molluscs, aquatic invertebrates nes	5
Meat, fish and seafood food preparations nes	3
Milling products, malt, starches, inulin, wheat gluten	3
Oil seed, oleagic fruits, grain, seed, fruit, etc, nes	2
Cereal, flour, starch, milk preparations and products	2
Lac, gums, resins, vegetable saps and extracts nes	2
Dairy products, eggs, honey, edible animal product nes	1
Vegetable, fruit, nut, etc food preparations	1
Sum of others with smaller share	1

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

By countries

Country	Percent
Germany	21
Japan	17
USA	5
Netherlands	4
Poland	4

By regions

Region	Percent
Asia	29
Western Europe	28
Northern Europe	13
Eastern Europe	13
Northern America	6

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Spain	3	Southern Europe	5
Egypt	3	Northern Africa	4
Viet Nam	3		
China	3		
Denmark	3		
Russian Federation	3		
Others	17		

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	
Inorganic chemicals, precious metal compound, isotopes	(281820) Aluminium oxide, except artificial corundum, \$0-0	AE 668.9	CN 358.7	FR 254.2	1559.4
	(284190) Salts of oxymetallic or peroxometallic acids nes, \$3-27	KR 828.6	JP 303.3	US 19.6	1179.2
	(284290) Metallic salts of inorganic acids nes, except azides, \$22-52	CN 588.8	HK 17.7	KR 2.5	610.7
	(283691) Lithium carbonates, \$11-27	KR 376.7	US 57.9	DE 20.4	467.7
	(284390) Precious metal compounds except gold, silver, amalgam, \$195-8501	IN 80.4	DE 74.9	FR 74.2	271.8

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Organic chemicals	(293390) Heterocyclic compounds with N-hetero-atom(s) only, ne, \$1018-6469	SG 1116.6	CH 393.3	IT 379.9	2026.2
	(293339) Heterocyclic compounds with unfused pyridine ring, nes, \$354-848	IT 305.4	DE 236.5	CH 111.6	696.0
	(293359) Heterocyclic compounds with pyrimidine ring nes, \$34-398	DE 88.9	BR 51.9	IT 43.3	450.0
	(293500) Sulphonamides in bulk, \$31-392	NL 53.2	BE 37.1	SI 36.1	385.4
	(294190) Antibiotics nes, in bulk, \$1435-5209	CN 172.5	IT 103	SG 28	382.3
Pharmaceutical products	(300220) Vaccines, human use, \$2379-9410	US 3300.4	GB 1484.6	CN 890	6344.2
	(300432) Adrenal cortical hormones, in dosage, \$219-467	FR 325.8	BE 70.7	GB 48.9	693.9
	(300440) Alkaloids, derivs, no antibiotics, hormones, in dosag, \$261-599	US 93.2	SE 36.9	CN 32.2	260.5
	(300390) Medicaments nes, formulated, in bulk, \$136-318	ES 44.7	AT 38.9	NL 33.2	214.8
	(300510) Medical dressings etc. having an adhesive layer, \$51-108	FR 98.7	CN 23.3	US 16.7	212.5
Plastics and articles thereof	(390930) Amino-resins nes, in primary forms, \$0-1	FR 104.2	VN 92.2	TR 65.1	495.5
	(390311) Polystyrene, expansible in primary forms, \$0-1	IT 50.9	RO 50.2	UA 21.5	228.9
	(390910) Urea resins, thiourea resins, in primary forms, \$0-1	FR 122.6	RO 8.9	BY 7.7	160.2

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	(390511) Polyvinyl acetate, in aqueous dispersion, primary for, \$0-1	FR 29.9	DE 24.3	CN 22.1	141.3
	(391400) Ion exchangers based on polymers in primary forms, \$0-3	MY 15.5	FR 15	DE 9.7	99.6
Paper & paperboard, articles of pulp, paper and board	(480421) Paper, sack kraft, unbleached, uncoated, \$0-1	DE 160	SI 105.9	CA 37.8	513.2
	(481021) Paper, fine, light weight coated, \$0-2	JP 195.7	PL 64.6	NL 26.4	327.1
	(481091) Paper, multi-ply, clay coated, nes, \$0-0	FR 98.3	CZ 32.1	MY 22.8	290.9
	(481039) Paper, kraft, clay coated, nes, \$0-4	US 123.3	CA 91.7	IE 7.4	257.1
	(480510) Paper, fluting, in rolls, semi-chemical, uncoated, \$0-0	ES 28.5	CN 21.6	SA 20.1	122.5
Articles of iron or steel	(730511) Pipe-line submerged arc welded steel diameter >406mm, \$1-2	RS 236.9	BG 208.4	US 165.6	1236.0
	(732591) Balls, iron or steel, cast, for grinding mills, \$1-4	ZA 26.9	US 15.2	CA 9.6	102.9
	(730610) Pipe (oil/gas line) iron or steel nes, diameter <406m, \$9-21	EG 57.3	SA 19.7	GB 6.9	92.5
	(732010) Leaf springs/leaves thereof, iron or steel, \$18-41	CN 30.9	CZ 2.3	SA 2.2	41.7
	(730620) Casings,circular, iron/steel, oil/gas drilling <406mm, \$1-23	NO 5.1	BN 3.3	CO 2.9	34.9
Machinery & mech appliance etc	(840733) Engines, spark-ignition reciprocating, 250-1000 cc, \$374-1939	ES 609.7	FR 214.3	TR 105.1	1260.9

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	(845129) Drying machines, nes, \$336-4747	US 592.2	CA 54.8	CN 2.1	657.5
	(845811) Horizontal numerically controlled metal work lathes, \$20585-118730	RU 124.9	IN 48.1	PL 46.3	373.6
	(845121) Drying machines, capacity <10 kg, except washer-drier, \$338-388	GB 121.7	PL 39.6	KR 32.3	353.3
	(842833) Continuous action goods conveyor or elevator belt typ, \$1505-19952	US 170.1	CH 70.9	CA 34.7	344.0
Electrical, electronic equipment	(850230) Electric generating sets, nes, \$102223-453892	NL 366.9	AU 319.5	AR 107	1326.1
	(852692) Radio remote control apparatus, \$0-11	US 1157	BR 3.5	AR 2.2	1168.6
	(850423) Liquid dielectric transformers > 10,000 KVA, \$2387-392273	FR 66.9	BH 26.9	CI 26.7	442.3
	(850230) Electric generating sets, nes, \$54215-102223	US 99.2	UA 65.9	MY 44.6	300.0
	(853120) Indicator panels incorporating electronic displays, \$348-846	PH 187.1	CH 1.6	CL 1.1	193.3
Vehicles other than railway, tramway	(870423) Diesel powered trucks weighing > 20 tonnes, \$86409-165647	US 1631.8	CN 373.6	GB 296.1	3157.7
	(870590) Special purpose motor vehicles nes, \$130637-270019	DE 323.6	VN 102.6	CA 100.2	810.7
	(870130) Track-laying tractors (crawlers), \$10200-147074	US 494.9	FR 9.5	ET 6.5	540.3
	(870490) Trucks nes, \$4464-30112	GB 149	RO 18.4	SG 17.5	300.6

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	(870790) Bodies for tractors, buses, trucks etc, \$8466-20689	GB 74	NL 37.3	CO 31.8	208.5
Optical, photo, technical, medical, etc apparatus	(901819) Electro-diagnostic apparatus, nes, \$0-65	CN 803.6	BR 131.9	EG 64.2	1051.3
	(901811) Electro-cardiographs, \$1100-2726	US 467.6	HK 12.7	NO 1.2	483.0
	(903039) Ammeters, voltmeters, ohm meters, etc, non-recording, \$0-28	US 350.7	IN 8.8	HK 6.6	376.5
	(901020) Equipment for photographic laboratories nes, \$189-17304	SG 85	JP 64	TH 61.4	309.7
	(901849) Instruments and appliances, used in dentistry, \$2-80	US 176.3	CN 15.4	TH 7.1	218.5

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	
Live animals	(010391) Swine, live except pure-bred breeding < 50 kg, \$62-82	DE 405.1	PL 93.9	ES 74	656.5
Meat and edible meat offal	(020739) Poultry cuts & offal, except livers, fresh or chilled, \$0-1	DE 247.8	RU 88.4	NL 76.9	612.0
	(020900) Pig and poultry fat, unrendered, \$0-0	CZ 4.9	SK 4.5	GB 4.2	30.4
	(020722) Turkeys, domestic, whole, frozen, \$2-4	GB 8.1	GR 1.4	AE 1.3	14.1
Fish, crustaceans, molluscs, aquatic invertebrates nes	(030614) Crabs, frozen, \$24-51	US 142.9	FR 10.1	DE 2.9	167.8

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	(030262) Haddock, fresh or chilled, whole, \$2-9	GB 9	FR 3.6	IE .3	13.6
	(030250) Cod, fresh or chilled, whole, \$0-5	FR 3.5	DE 3.4	LV 1.5	10.9
	(030739) Mussels, frozen, dried, salted or in brine, \$3-8	US 5.3	AE .7	CA .4	9.0
Dairy products, eggs, honey, edible animal product nes	(040891) Eggs, bird, not in shell, dried, \$4-6	DK 4.4	AU 3.7	ID 2.3	22.2
	(040811) Egg yolks dried, \$4-6	KR 2	DE 1.4	SA .5	9.2
Products of animal origin, nes	(050510) Feathers and down used for stuffing, \$5-49	VN 72.6	JP 47.7	CN 23	219.5
Milling products, malt, starches, inulin, wheat gluten	(110520) Potato flakes, granules and pellets, \$1-2	CA 17.5	MY 6.6	JP 5	79.1
	(110811) Wheat, starch, \$0-1	FI 13.5	GB 3.7	US 2.8	30.6
	(110813) Potato starch, \$2-3	RO .3	CH .3	ES .2	1.9
Oil seed, oleagic fruits, grain, seed, fruit, etc, nes	(120923) Seed, fescue, for sowing, \$0-2	GB 6.3	FR 5.4	DE 4.7	24.7
	(120500) Rape or colza seeds, \$8-21	FR 8.8	EE 2.8	BY 2.1	23.1
	(120911) Seed, sugar beet, for sowing, \$12-60	IT 8.8	PL 5.5	EG 3.1	21.3
Lac, gums, resins, vegetable saps and extracts nes	(130220) Pectic substances, pectinates, pectates, \$0-12	DO 22.4	DE 15.9	IN 3.7	75.5
	(130220) Pectic substances, pectinates, pectates, \$42-104	ID .7	NG .1	MY .1	1.0

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Animal,vegetable fats and oils, cleavage products, etc	(151410) Canola, rape, colza or mustard oil, crude, \$0-2	SE 52.8	CN 38.1	DK 29.6	155.7
	(152090) Glycerol (glycerine), nes including synthetic glycerol, \$0-0	JP 23.8	DK 14.4	VN 10.1	90.8
	(151790) Edible mix & preparations of animal & veg fat, oil ne, \$15-56	KR 28.8	UA 4.9	FR 3.4	45.9
	(151790) Edible mix & preparations of animal & veg fat, oil ne, \$10-15	PE 7.2	US 5.4	SE 4.4	28.1
	(150100) Lard, other pig fat and poultry fat, rendered, \$0-0	LT 3.4	ES 3.2	CH 2.4	13.8
Meat, fish and seafood food preparations nes	(160249) Swine meat or offal nes, prepared,preserved, not live, \$0-3	IE 67.5	SK 4.9	BG 3.8	95.3
	(160412) Herrings, prepared or preserved, not minced, \$0-3	RU 8.1	RO 7.4	EE 5.4	31.3
Cereal, flour, starch, milk preparations and products	(190190) Malt extract & limited cocoa pastrycooks products nes, \$10-24	CN 33.2	ID 21.3	LK 9	67.9
	(190510) Crispbread, \$6-11	FR 3.6	FI .8	US .7	8.4
Vegetable, fruit, nut, etc food preparations	(200310) Mushrooms, prepared or preserved, not in vinegar, \$7-16	US 8.7	DE 7.7	ES 3.2	32.8
	(200791) Citrus based jams jellies marmalade, etc., \$5-10	FR 2	PL .6	GB .3	4.1
	(200520) Potatoes, prepared or preserved, not frozen/vinegar, \$16-31	FI .3	CN .3	JP .1	1.0
Residues, wastes of food industry, animal fodder	(230320) Beet-pulp, bagasse & other waste of sugar manufacture, \$0-0	MA 31.8	DK 31.7	SA 18.2	145.3
	(230310) Residues of starch manufacture and similar residues, \$0-1	EG 83.8	CL 12.1	RU 11.7	143.2

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	(230110) Flour or meal, pellet of meat or offal for animal fee, \$0-0	MY 19.3	MM 17.9	US 10.4	108.5
Tobacco and manufactured tobacco substitutes	(240399) Products of tobacco, substitutes, extract, essence, \$67-157	JP 505.6	LV 47	LT 42.2	667.1