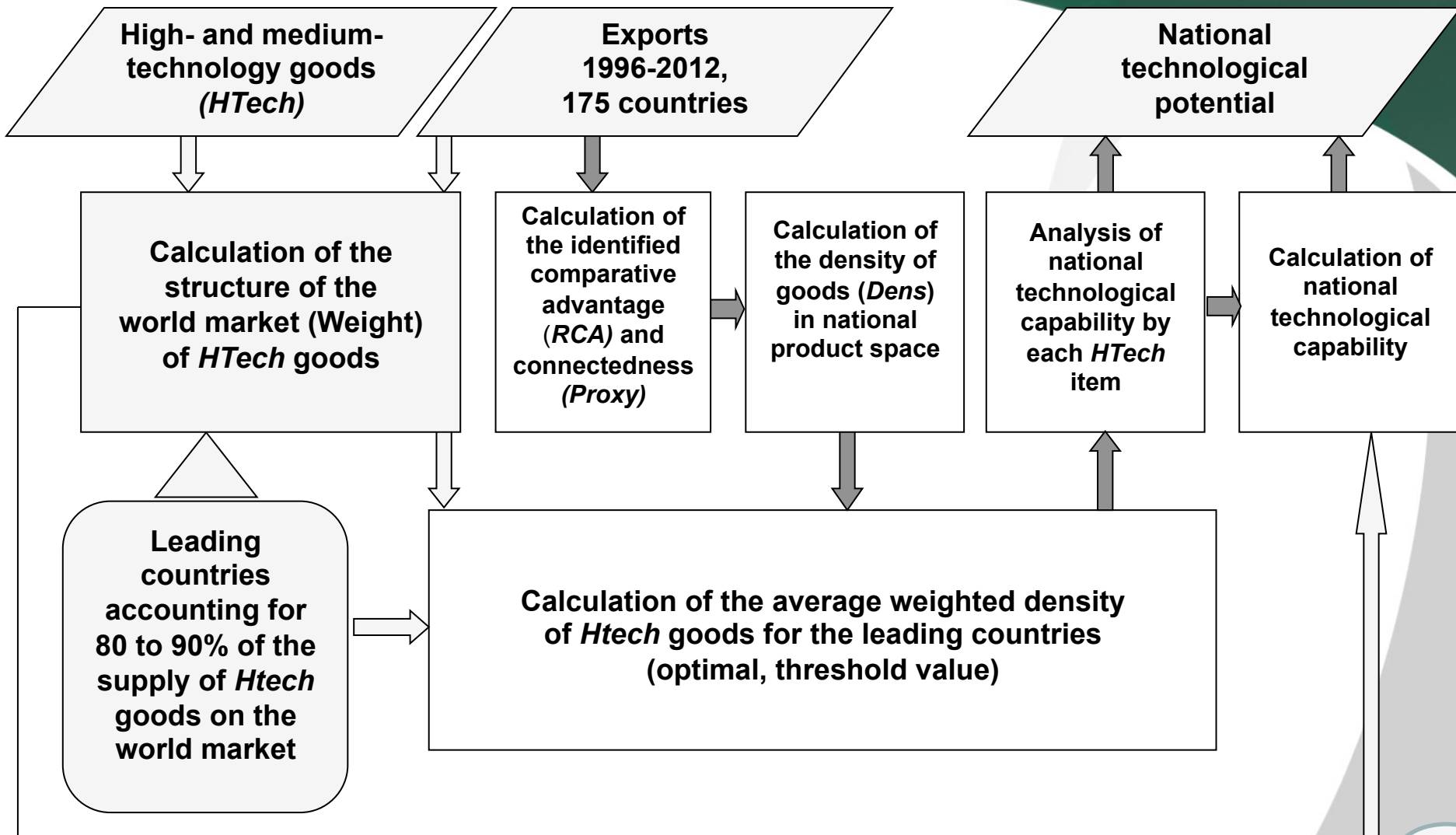


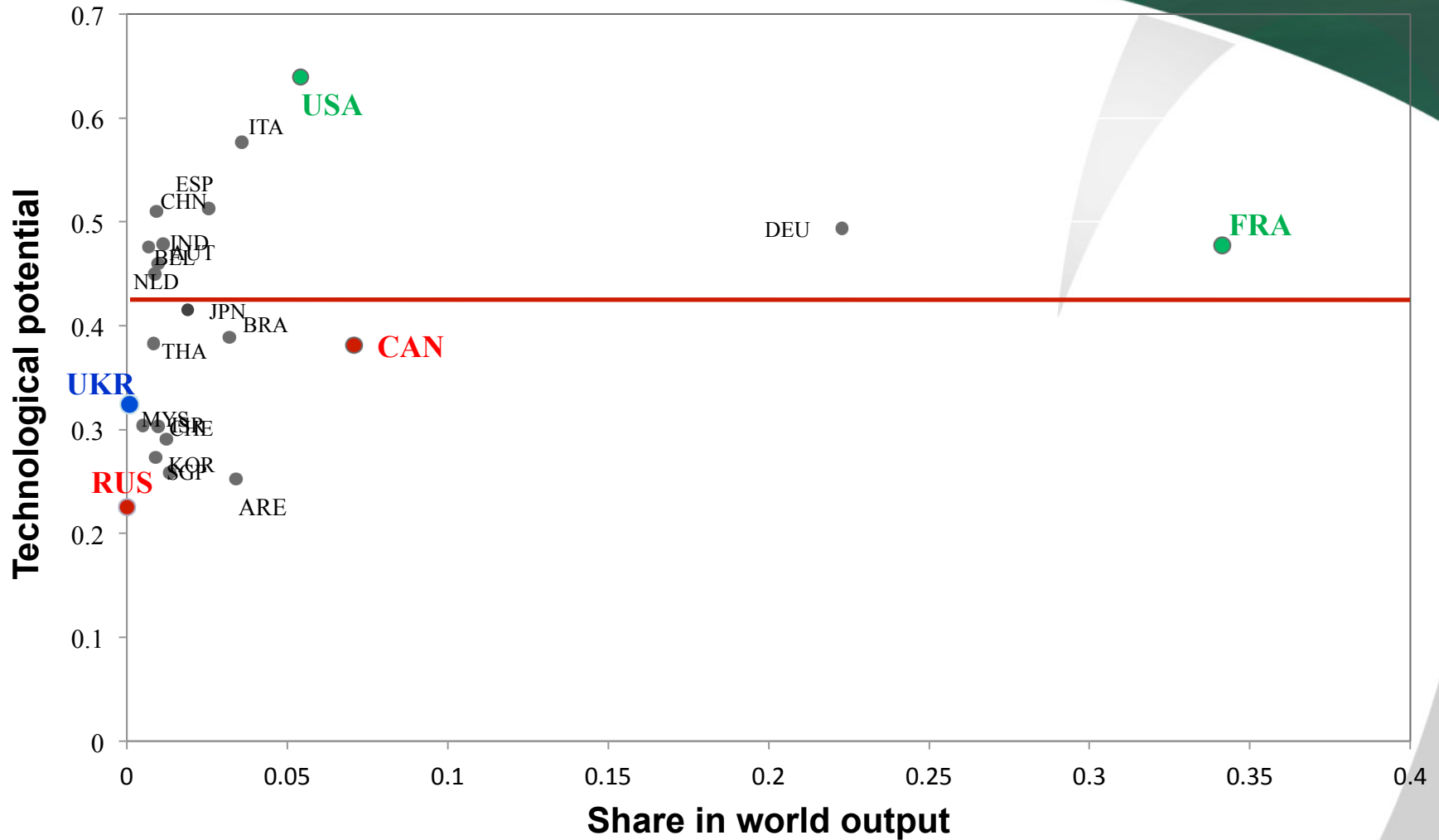
SPATIAL APPROACH TO THE ASSESSMENT OF THE POSSIBILITIES TO EXPAND THE INTEGRATIONAL INTERCONNECTIONS



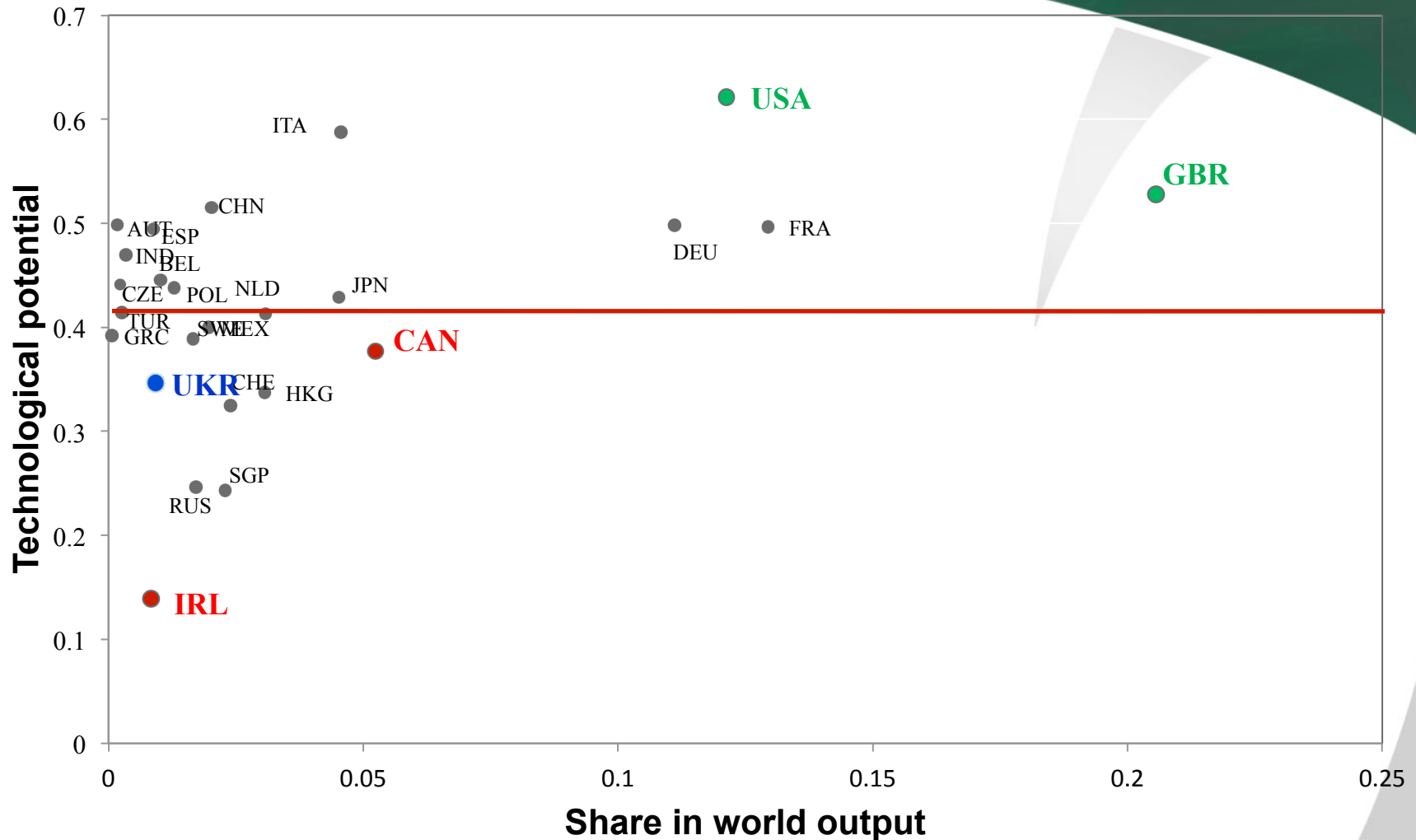
Principal scheme to define national technological potential



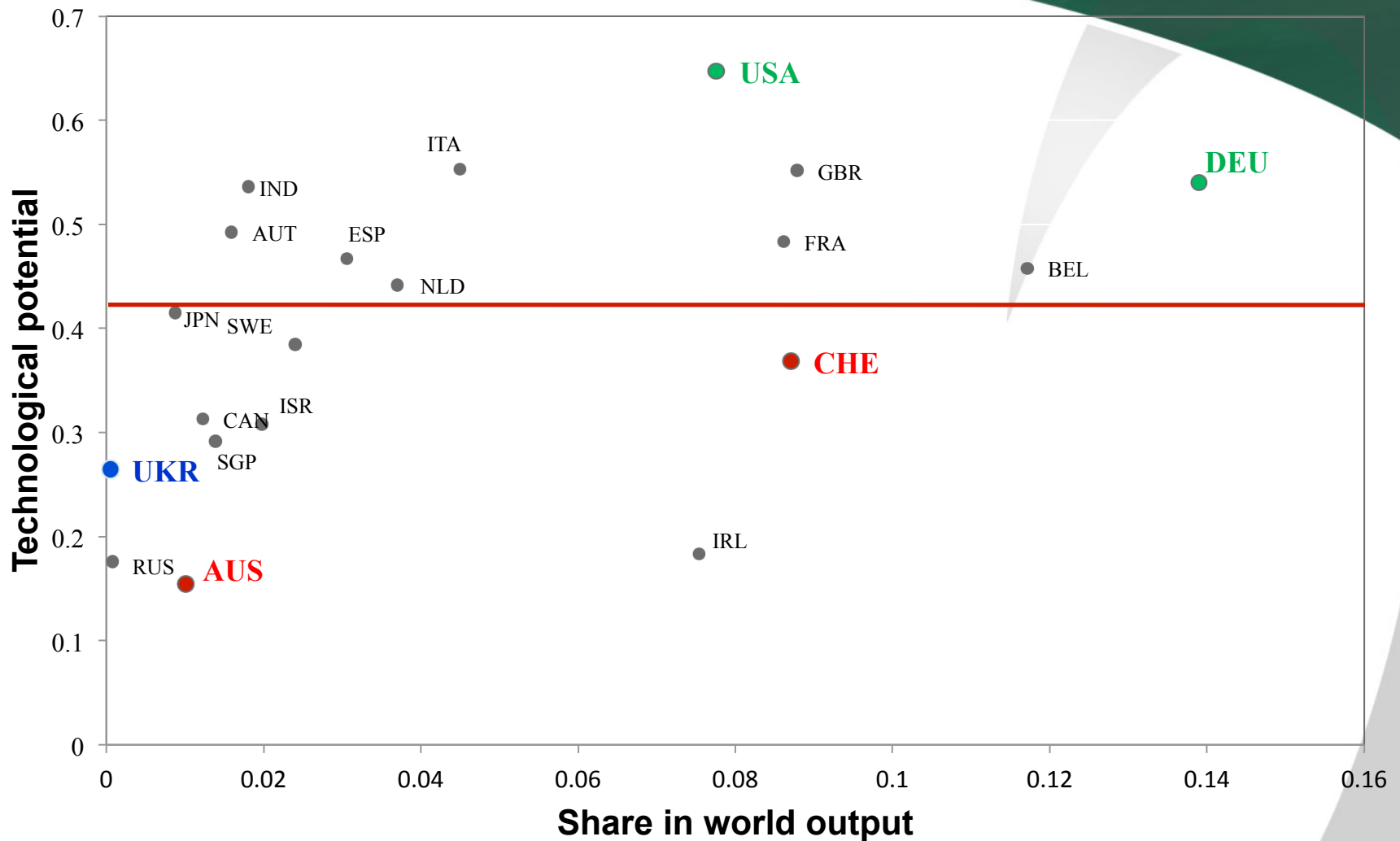
Technological potential and share on the global aviation and aerospace market



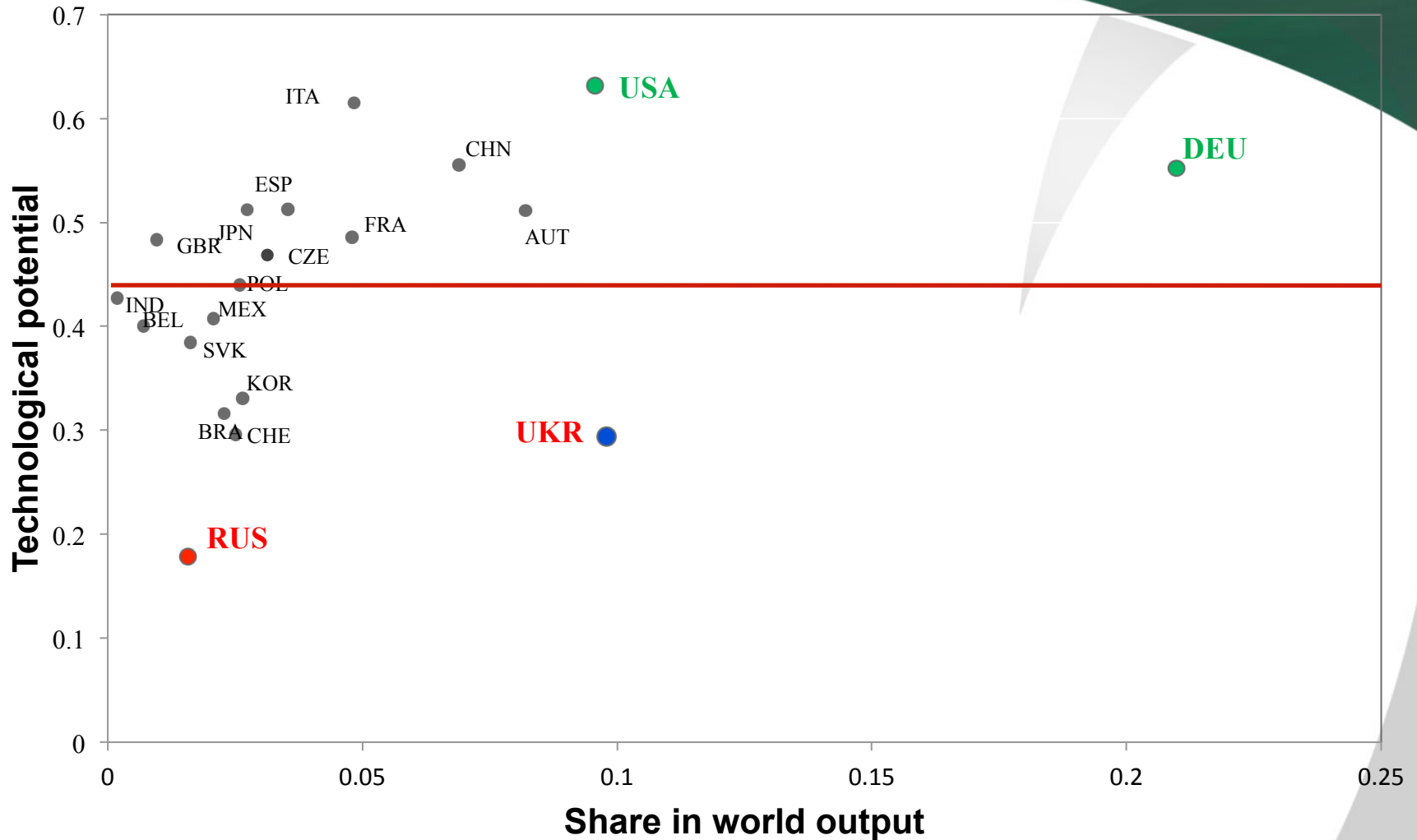
Technological potential and share on the global market of turbojet, turboprop and jet engines



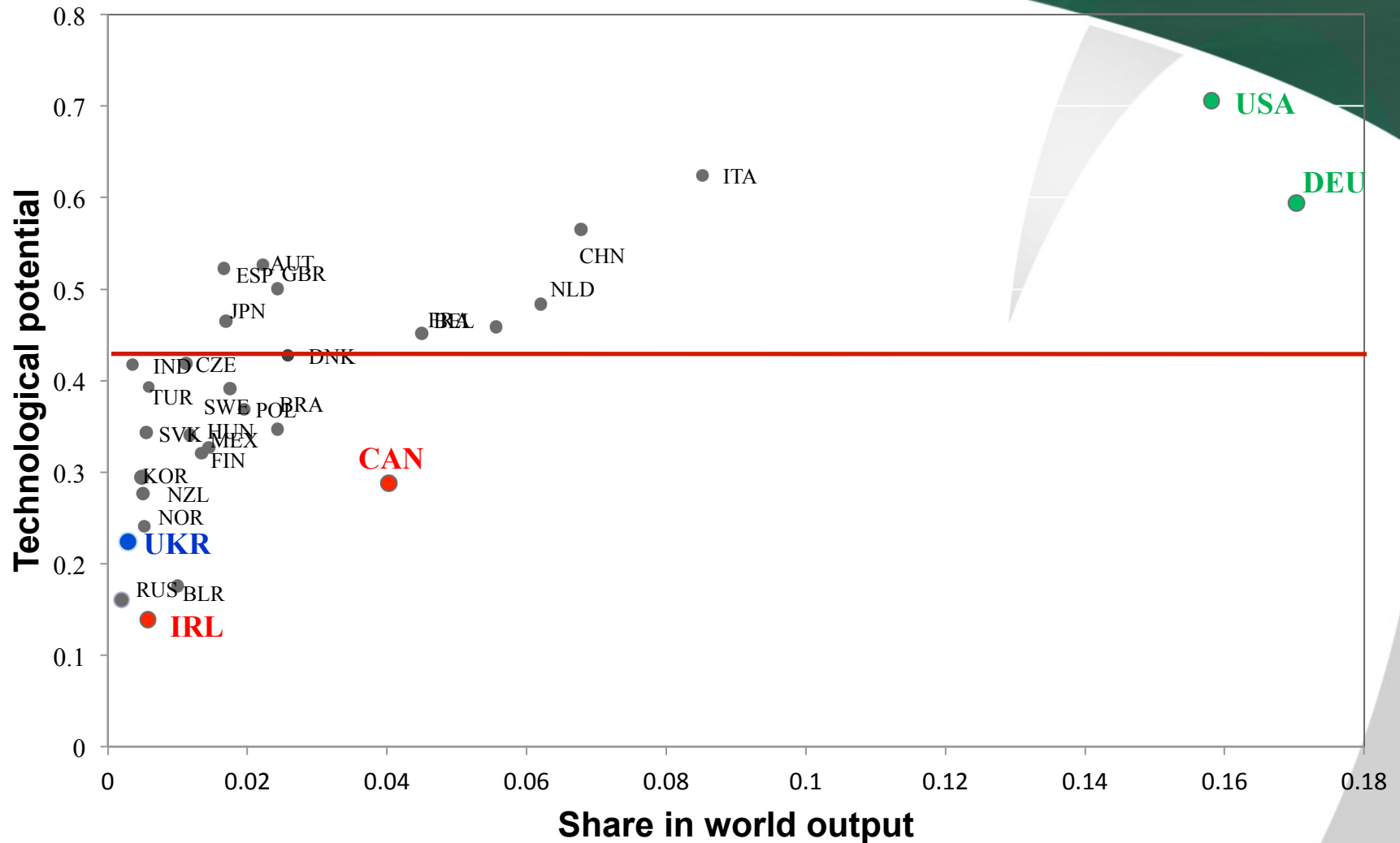
Technological potential and share on the global market of medicines



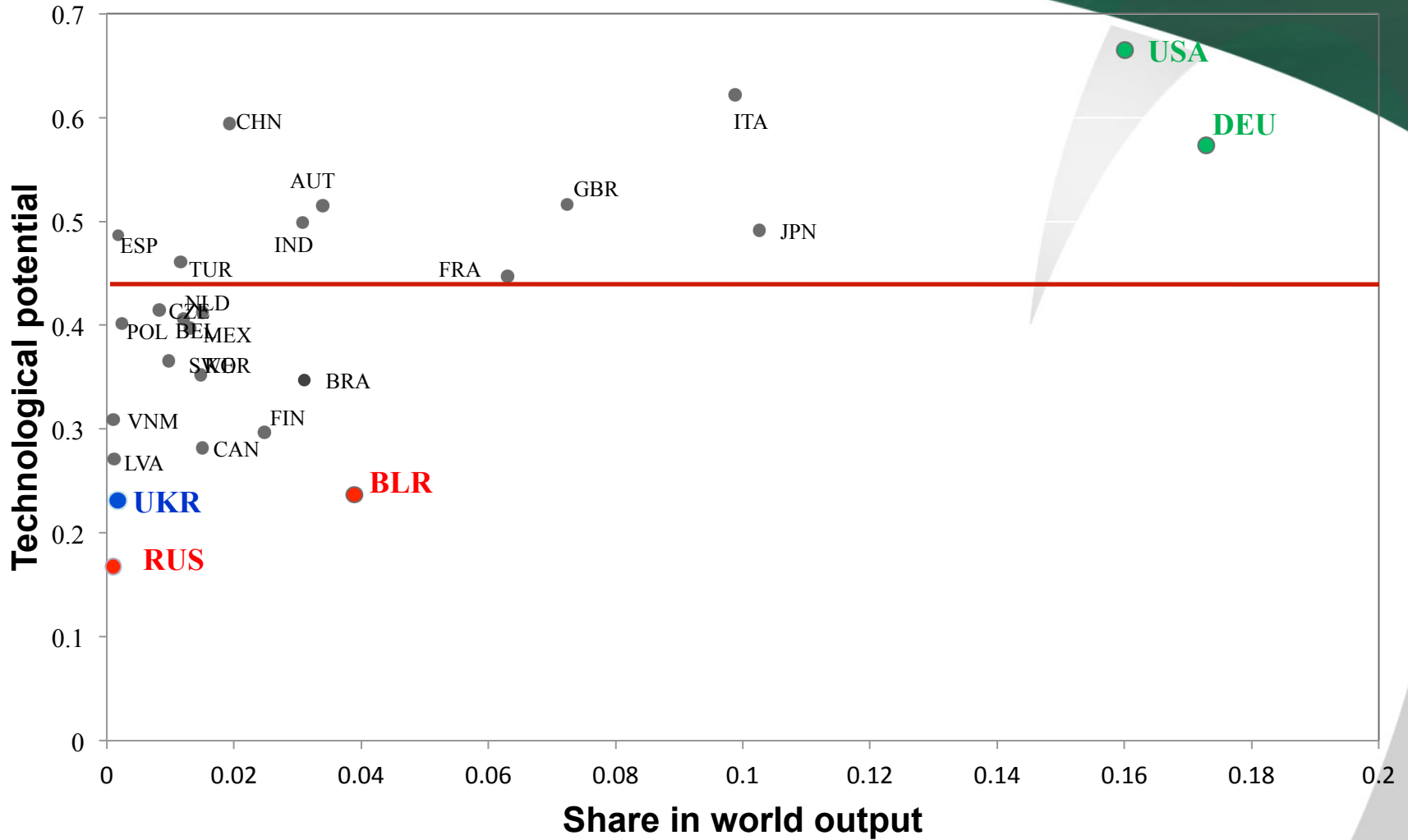
Technological potential and share on the global market of railway transport equipment



Technological potential and share on the global market of agricultural machinery



Technological potential and share on the global market of tractors



Assessment of technological potential of the chemical industry

Branch	Potential technological capability		
	high	medium	low
Manufacturing of pharmaceutical products (excluding medicines)			+
Manufacturing of medicines, including veterinary		+	
Manufacturing of alcohols, phenols and their derivatives	+		
Manufacturing of carboxylic, monocarboxylic, polycarboxylic acids and their anhydrides	+		
Manufacturing of perfumes		+	
Manufacturing of household chemicals	+		
Manufacturing of fertilizers	+		
Manufacturing of dyes and pigments		+	

The volume of foreign trade in 2012 and technological potential of the chemical industry, mln \$

Branch	Technological potential	Exports	Imports
Manufacturing of pharmaceutical products (excluding medicines)	L	17,8	449,4
Manufacturing of medicines, including veterinary	M	225,9	2885,7
Manufacturing of alcohols, phenols and their derivatives	H	4,1	61,4
Manufacturing of carboxylic, monocarboxylic, polycarboxylic acids and their anhydrides	H	137,5	127,3
Manufacturing of perfumes	M	180,5	773,5
Manufacturing of household chemicals	H	123,9	375,2
Manufacturing of fertilizers	H	1791,3	779,8
Manufacturing of dyes and pigments	M	360,7	483,8

Comment : L– low, M – medium, H – high potential

Assessment of technological potential of high- and medium-technology kinds of engineering

Branch	Potential technological capability		
	high	medium	low
High-technology kinds of engineering			
Aircraft and aerospace machinery	+		
Manufacturing of electric motors and generators		+	
Production of transformers and static converters		+	
Manufacturing of computer and office equipment			+
Medium-technology kinds of engineering			
Manufacturing turbojet, turboprop and jet engines	+		
Manufacturing of agricultural machinery			+
Manufacturing of tractors			+
Manufacturing of railway transport equipment		+	
Shipbuilding	+		

The volume of foreign trade in 2012 and the technological potential of high- and medium-technology kinds of engineering, mln \$

Branch	Technological potential	Exports	Imports
High-technology kinds of engineering			
Aircraft and aerospace machinery	H	922,3	107,0
Manufacturing of electric motors and generators	M	247,5	461,4
Production of transformers and static converters	M	477,0	248,8
Manufacturing of computer and office equipment	L	41,9	326,0
Medium-technology kinds of engineering			
Manufacturing turbojet, turboprop and jet engines	H	942,3	124,6
Manufacturing of agricultural machinery	L	133,4	796,7
Manufacturing of tractors	L	76,9	564,8
Manufacturing of railway transport equipment	M	4103,3	994,2
Shipbuilding	H	345,1	1012,4

Comment : L– low, M – medium, H – high potential

Thank you for attention!

