

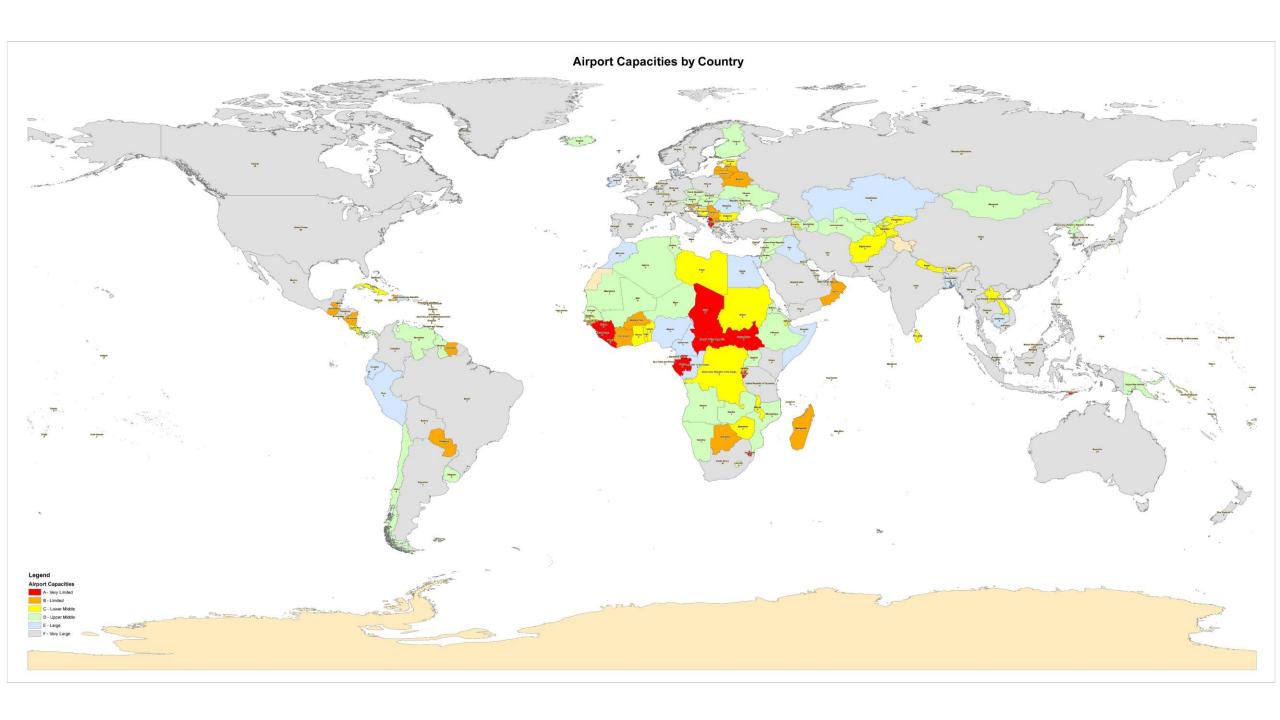


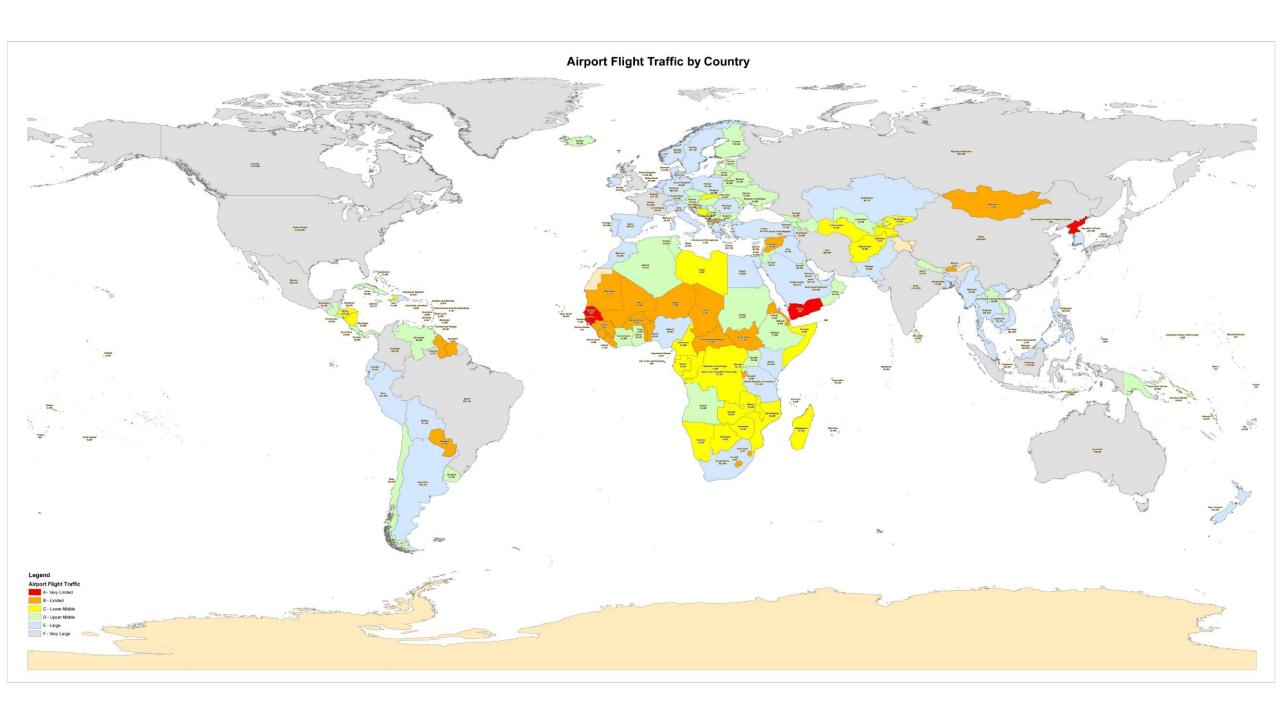
Methodology

The categorization is based on the merger of two classifications:

- > A classification according the civil aviation facilities.
- > A classification according the national flight traffic.

The merger is based on the ranking by wealth provided by the World Bank, based on the GNP per capita.





Indicators used for each Classification

For the classification according the civil aviation facilities:

- I) Number of Major Airports,
- 2) Maximal Number of Runways in an Airport,
- 3) Number of National Airlines.

For the classification according the national flight traffic:

- 1) Number of Big Airports (> 10,000 yearly flights) 16%,
- 2) Number of Average Airports (between 1,000 & 10,000 yearly flights) 43%,
- 3) Number of Small Airports (< 1,000 yearly flights) 41%.



Algorithm

Gather countries according the value of the first indicator, then examine each set one by one:

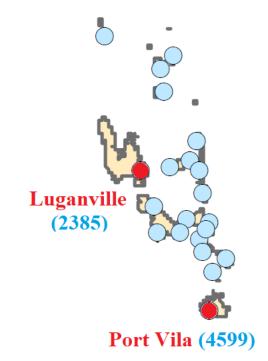
- If there are too many countries, restart the algorithm with the next category.
- If there aren't enough countries, merge the set with the next one and examine again the new one.
- If the country number is acceptable, keep the set as category in the classification.



Example

Category	Description			
A – Very Limited	"1/1/0"			
B – Limited	"1/1/1"			
C – Middle Low	"1/1/(2-6)"			
D – Middle High	"1/(2-3)/(0-10)"			
E – Large	"2/(1-3)/(0-6)"			
F – Very Large	"(3-113)/(1-6)/(1-78)"			

Category	Description					
A – Very Low	Only small airports					
B – Low	Only one average airport					
C – Lower Middle	More than one average airport					
D – Upper Middle	Only one big airport					
E – High	More than one big airport					
F – Very High	More than 50 airports					



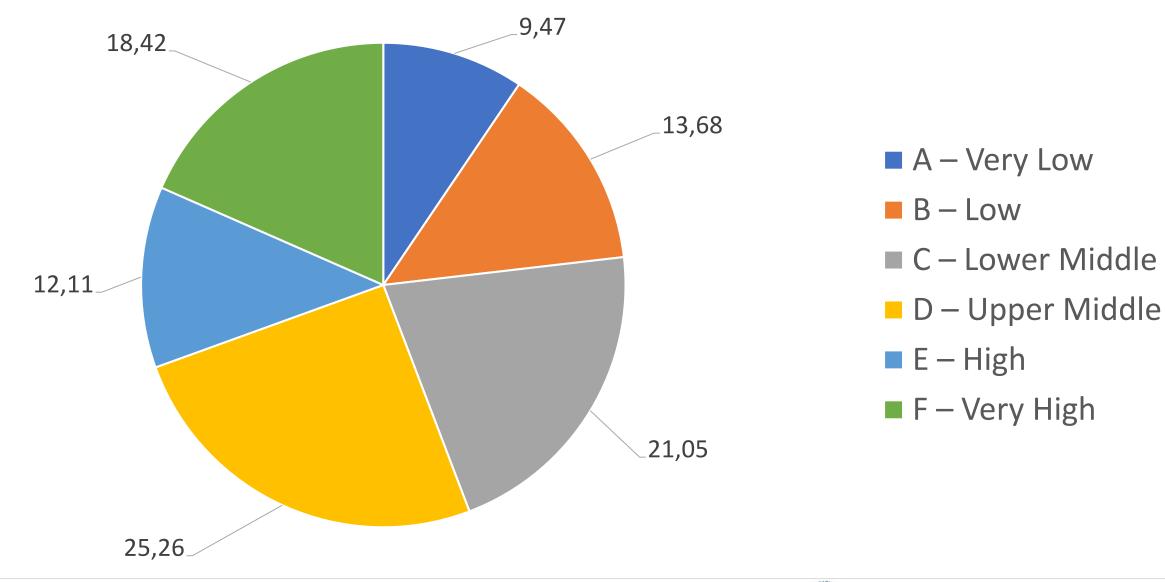


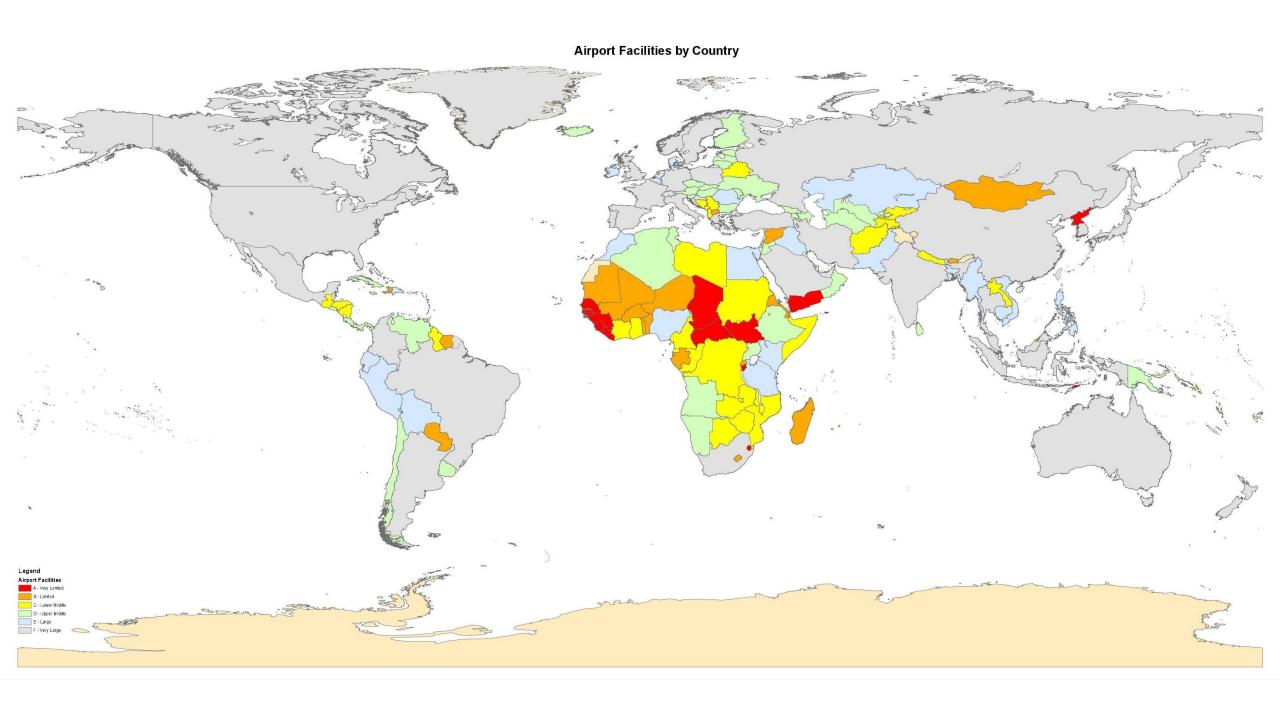
- 1) 2/1/1, so category E.
- 2) More than one airport, so category C.
- 3) Lower Middle Income, so I keep category C.

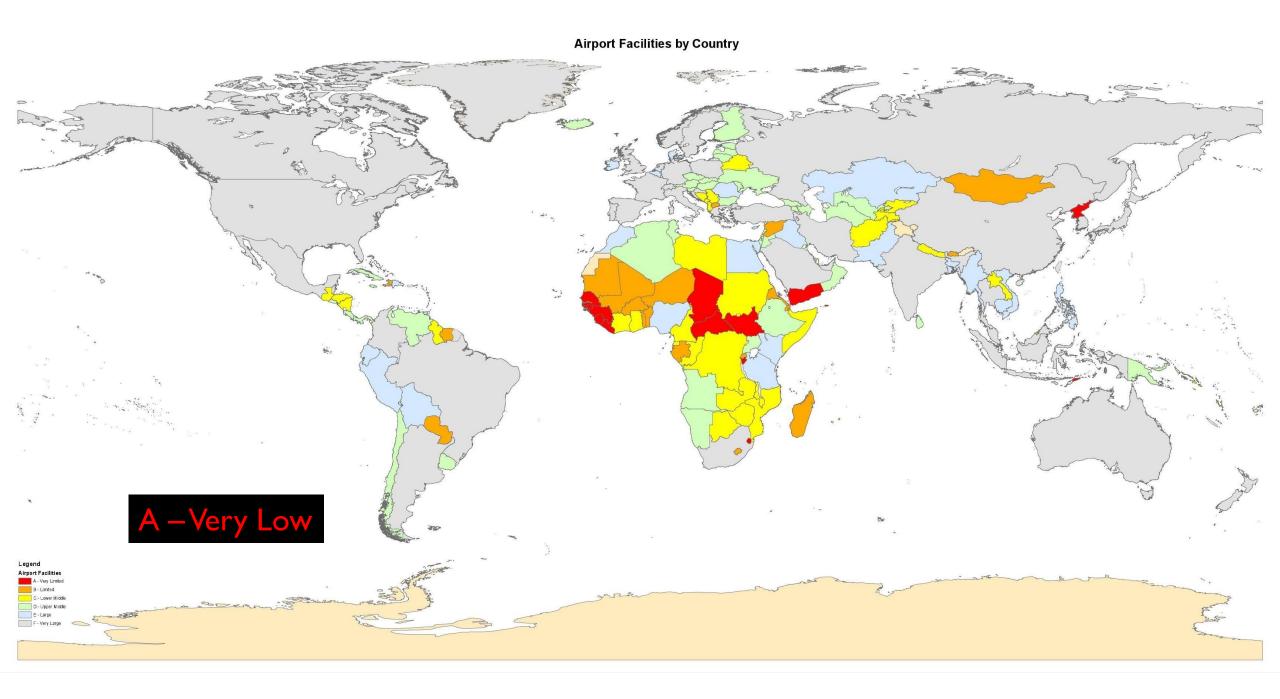
Country Name	World Bank Income	Number of	Maximum Number of	Number of	Global Number	Number of	Number of	Number of
	Category	National Airlines	Runaways by Airport	Flights In & Out	of Airports	Small Airports	Average Airports	Big Airports
Vanuatu	2) Lower middle income	1	1	12314	27	24	3	0



Extent of each Category







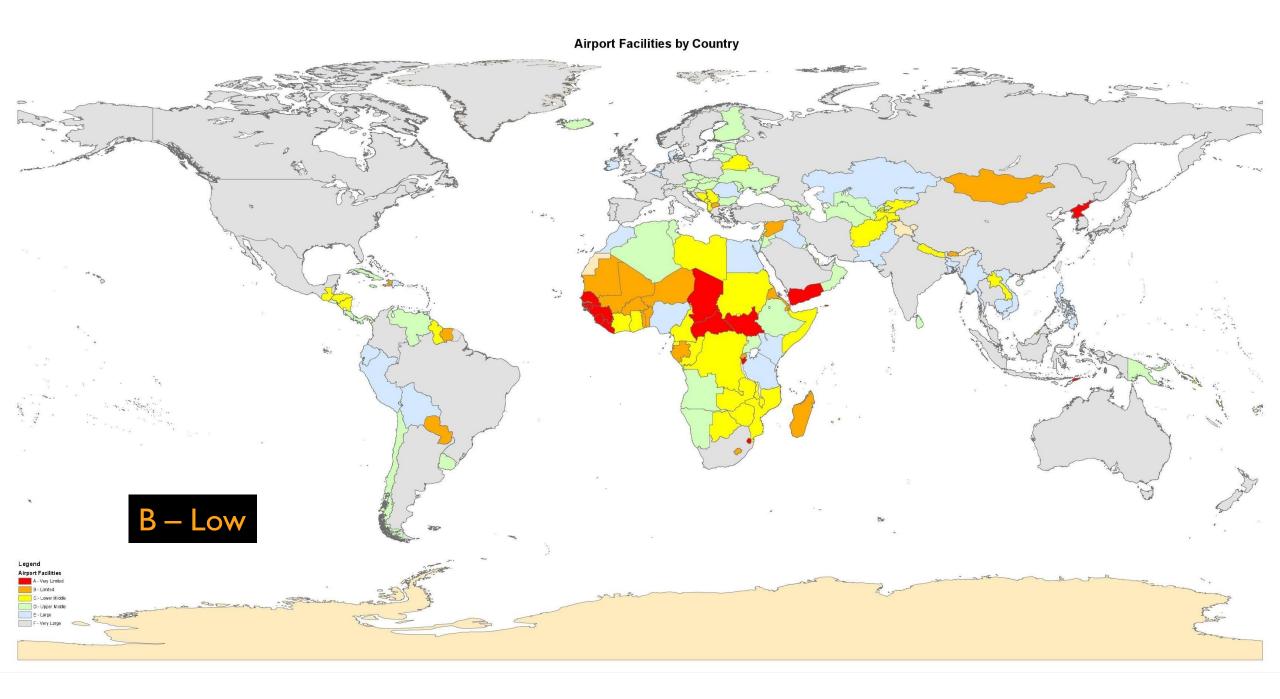
A - Very Low (18, 10%)

- No big airports and less than 5,000 flights per years in the whole country.
- Mainly Sub-Saharan African Countries with a low income.
- More likely to need any technical support from the ICAO.









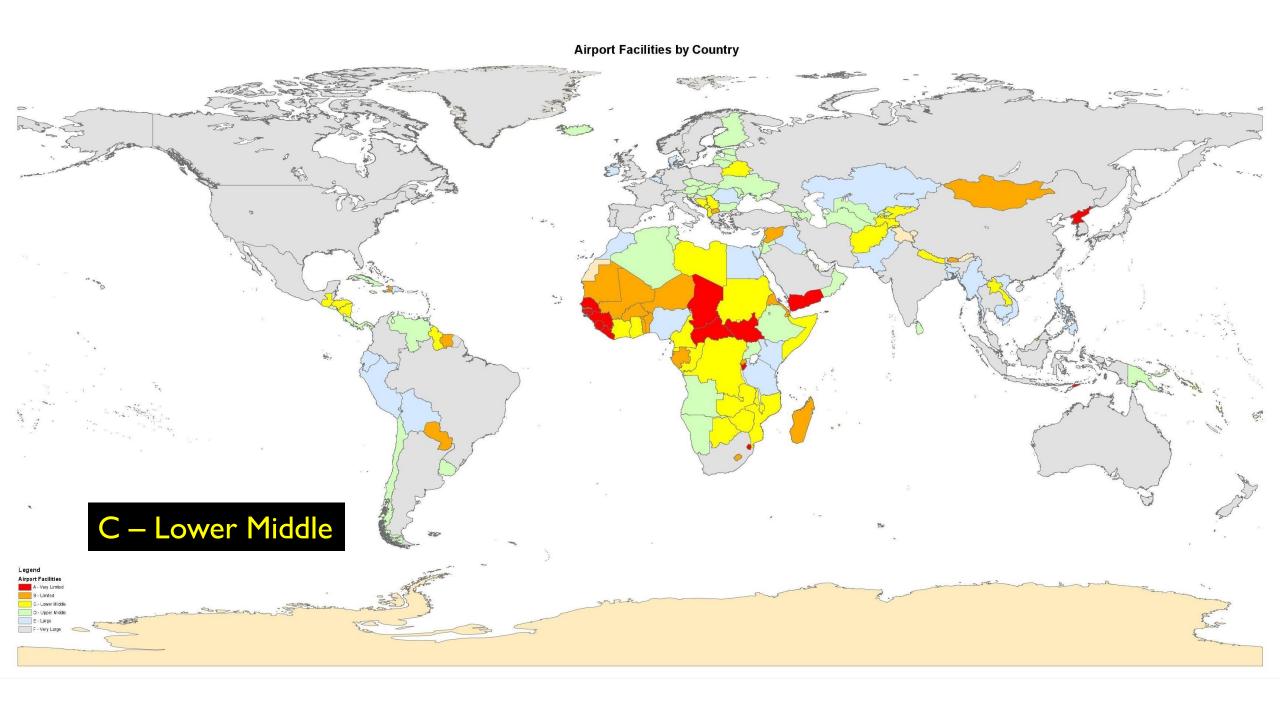
B – Low (26, 14%)

- No big airports and a flight traffic about an average airport.
- Better distributed around the world with three high income countries.
- Prone to need the ICAO technical support.







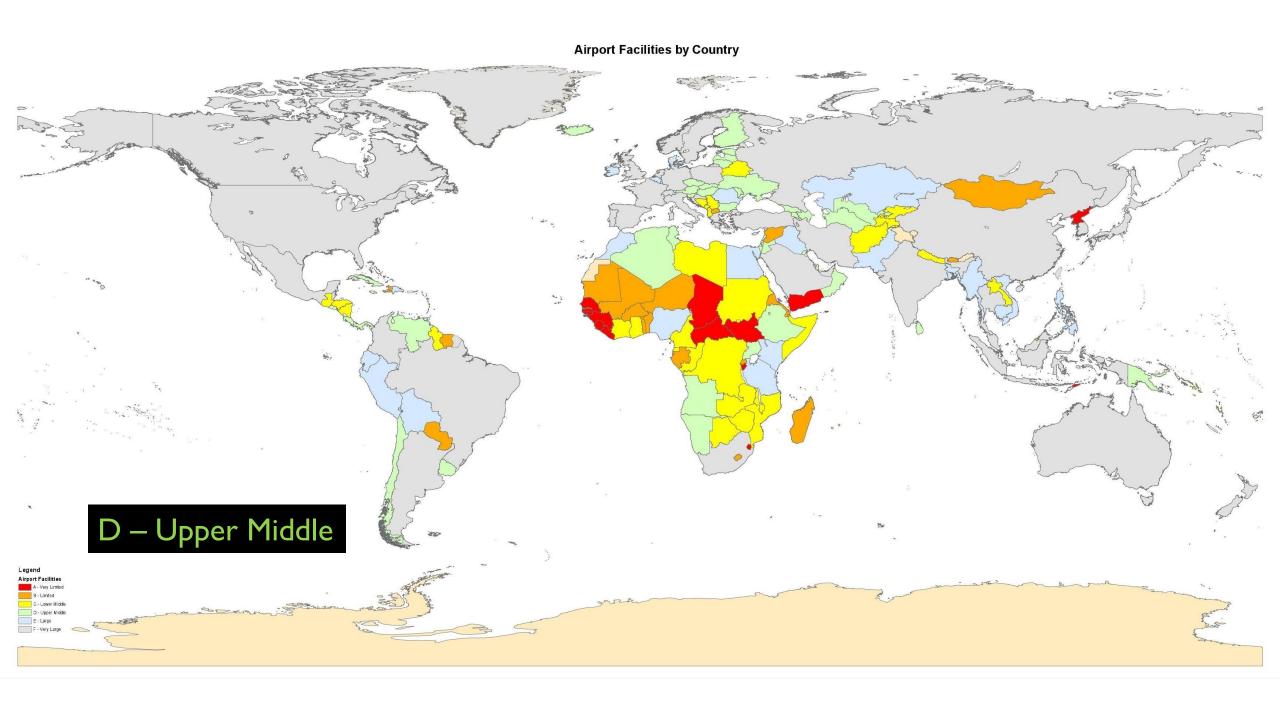




C – Lower Middle (40, 21%)

- More than 10,000 flights per year in mostly small or average airports.
- The rest of Sub-Saharan African countries and small-size countries in every continent.
- Low-priority user of the ICAO technical support.





D – Upper Middle (48, 25%)

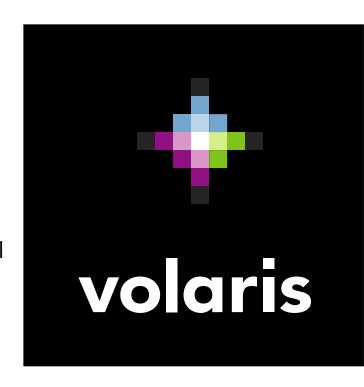
- A big airport and a medium traffic around 50,000 flights per year.
- Mainly small-size countries with a high income for the half.
- More a support for the integration in their civil aviation environment.



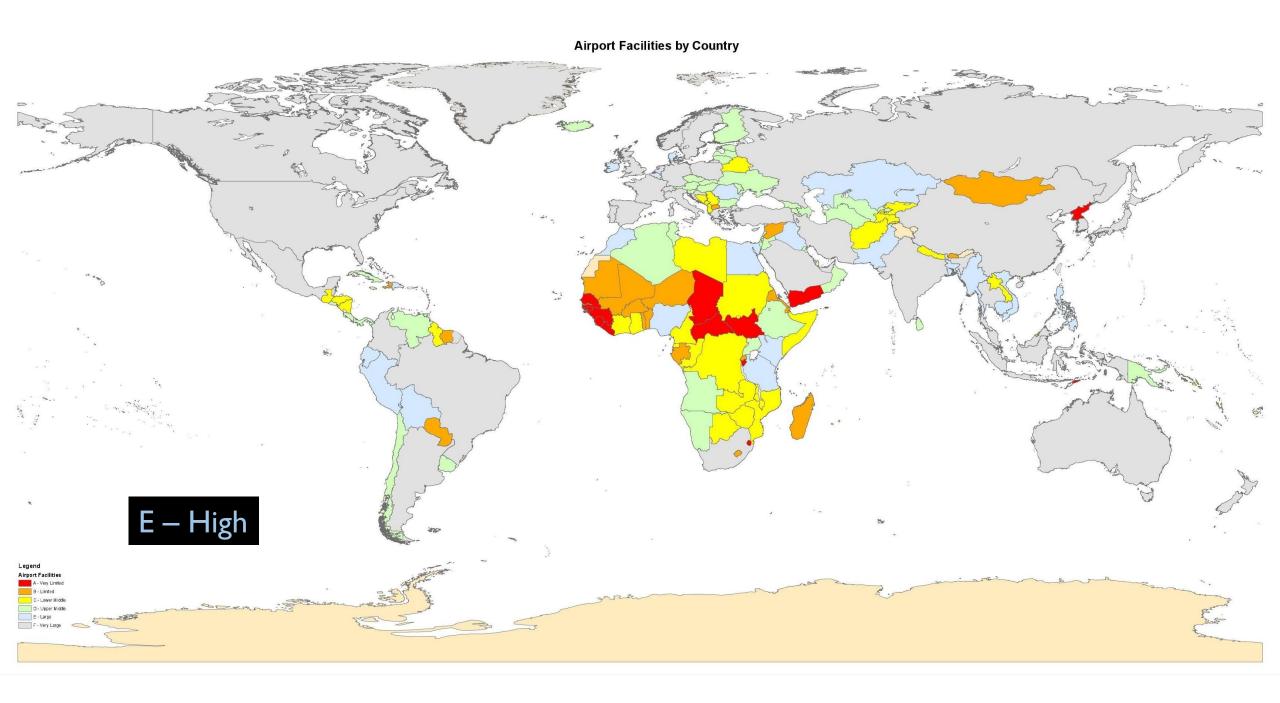




Azerbaijan with Baku INTL Airport Costa Rica with its three National Airlines





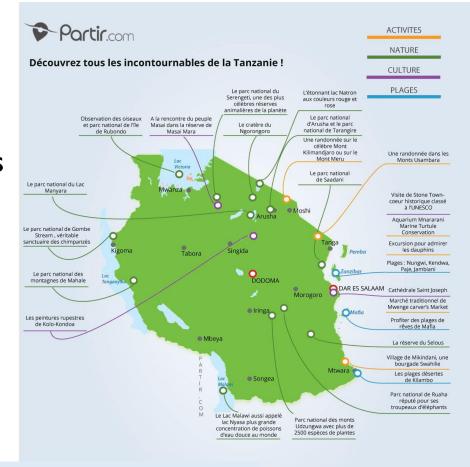




E – High (23, 12%)

- More than one big airport and a medium traffic around 100,000 flights per year.
- Mostly wealthy small-size countries or very touristic countries with a low income.
- Not really need the ICAO technical support.

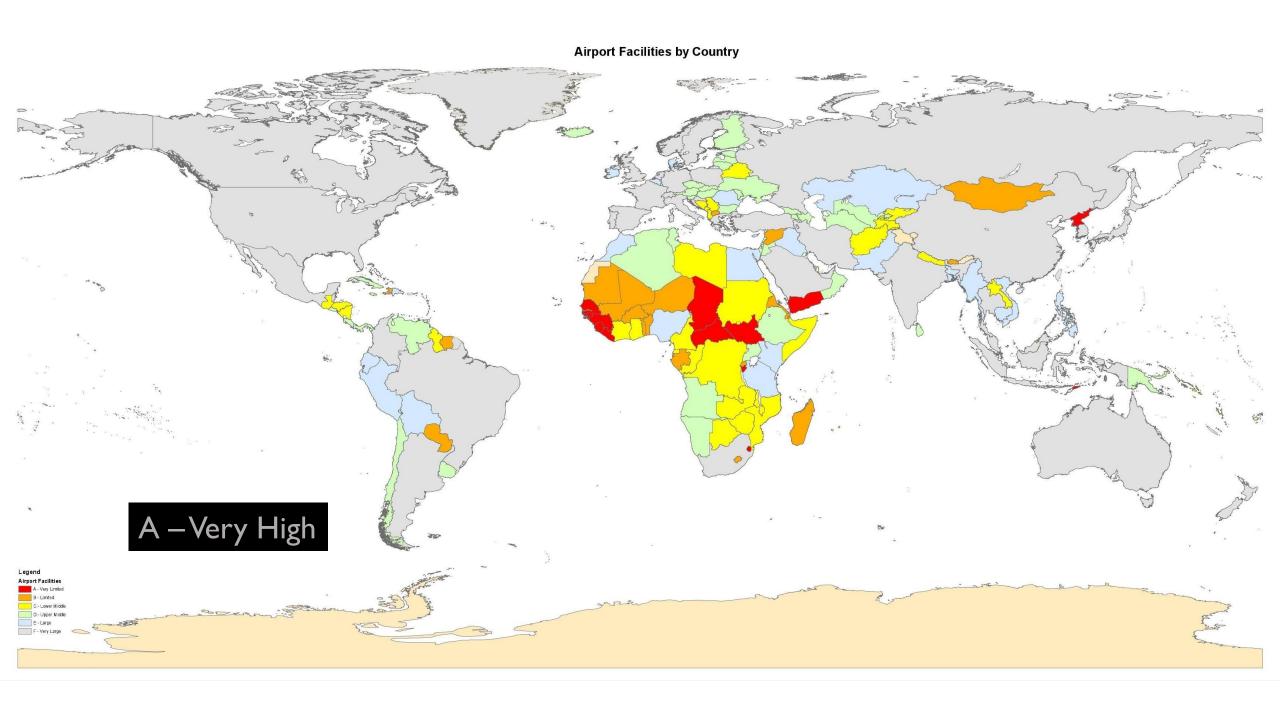
Peru with Jorge Chavez INTL Airport (Lima)



Touristic Map of United Republic of Tanzania

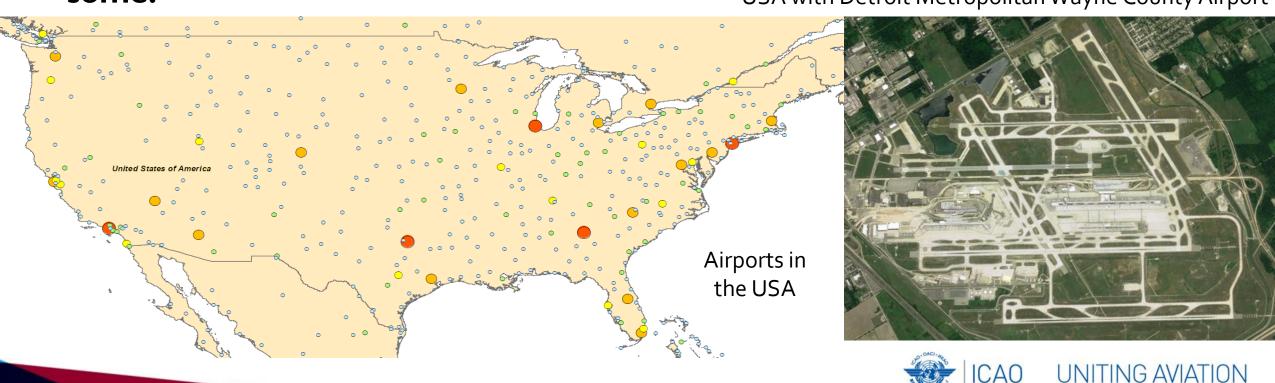
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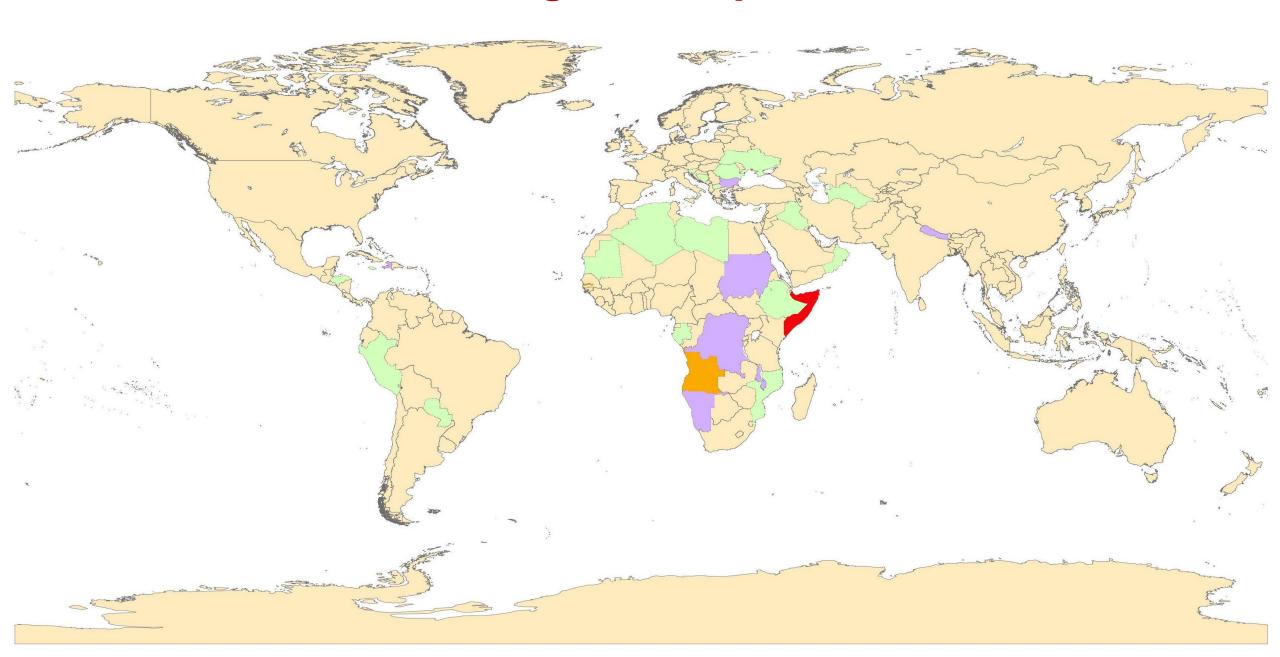


F - Very High (35, 18%)

- A medium number of airport around 75 and between 100,000 & a few million of flights per year in the whole country.
- All the world great powers or very wealthy average countries (mostly in Europe).
- More susceptible to provide technical support to the ICAO than to receive some.
 USA with Detroit Metropolitan Wayne County Airport



Foresights on 5 years:





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