INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

2014 TRENDS in Rail Transport

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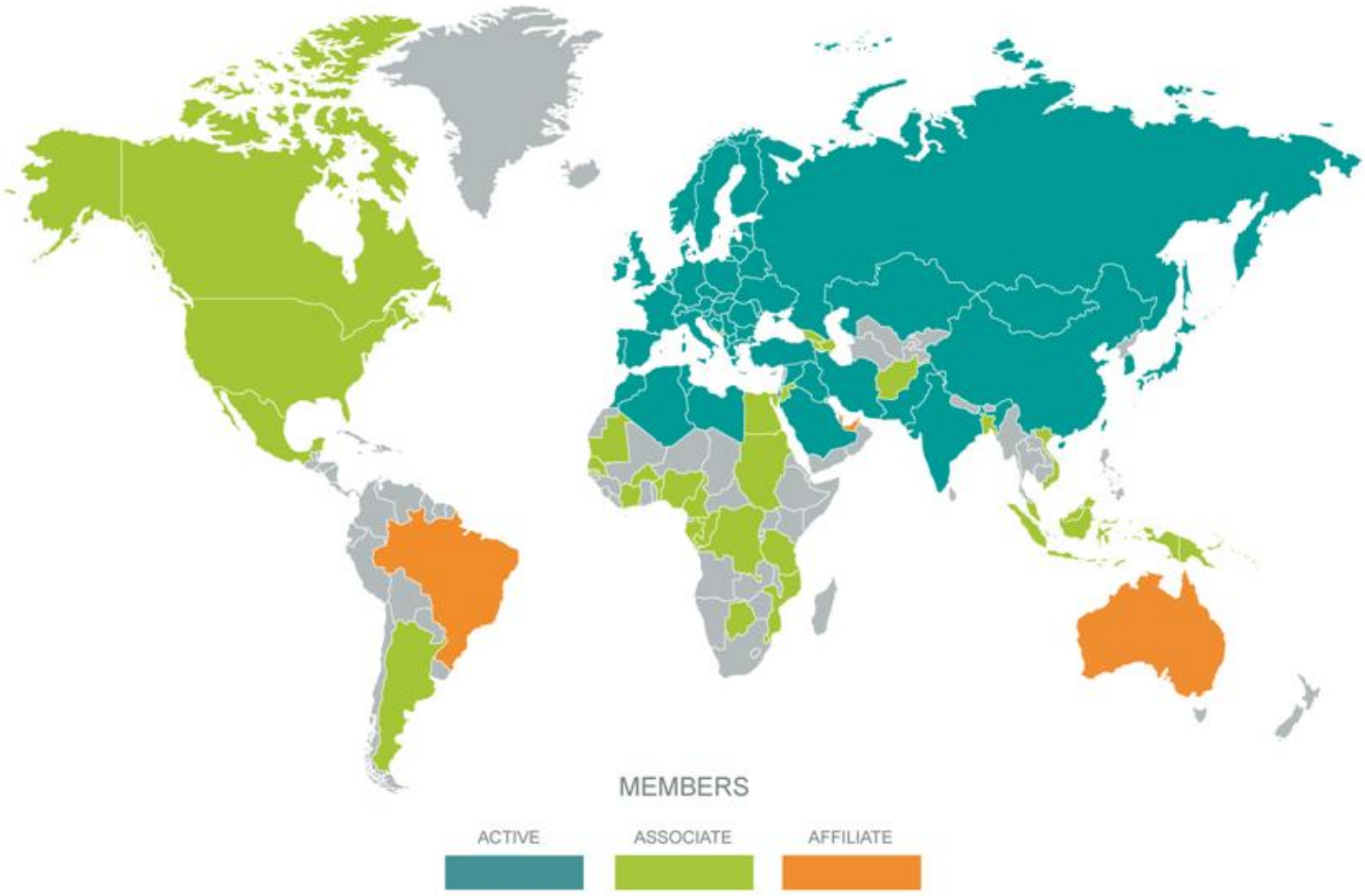
UIC in 2015



UIC today

- **186** Members in 76 countries
- **3 000** billion passenger.kilometres
- **10 000** billion tonne.kilometres
- **1** million kilometres of lines
- **7** million rail staff
- Cooperation with over **100** institutions
- **700** UIC Leaflets (international railway standards)
- **85** congresses, conferences, workshops

UIC missions

**Promoting the development of rail transport at world level,
in order to meet challenges of mobility and sustainable Development**

Key Challenges in terms of

INNOVATION

STANDARDISATION

TRANSMISSION

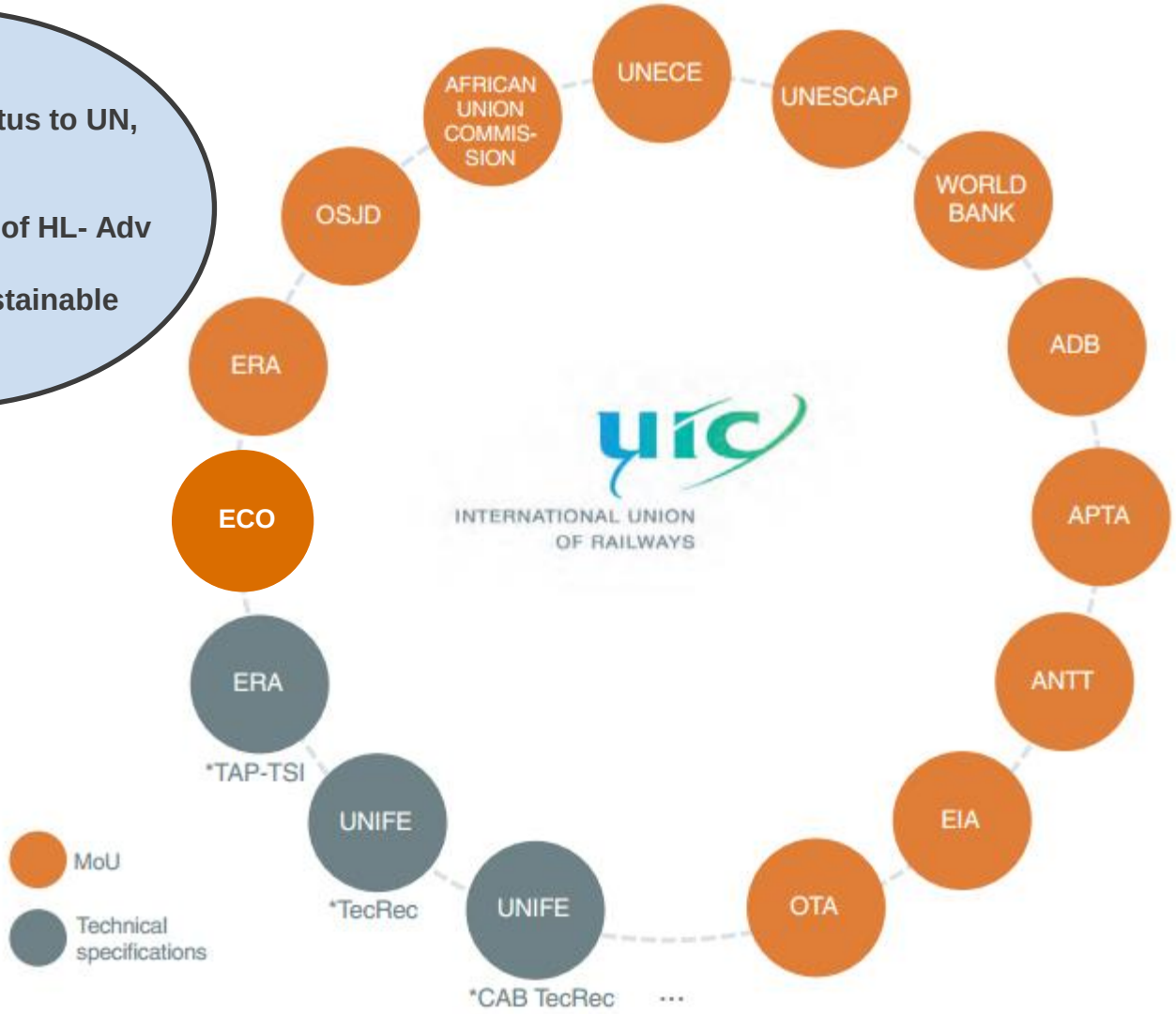
DISSEMINATION

STRATEGIC ADVICE

Synergies developed by UIC with leading institutions

UIC
Consultative status to UN, ECOSOC

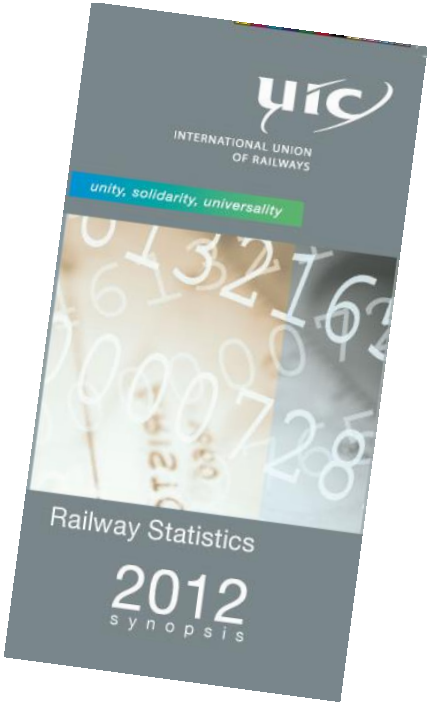
UIC DG Member of HL- Adv Group
to UN SG on Sustainable Transport



A strategic vision for the rail development in every region of the world

Statistics publications

- Yearbook : final data
- Synopsis : provisional numbers
- Time series indexes and values



UIC Statistics are company-based, provided and validated by our members

Click here to visit UIC statistics webpage

http://uic.org/spip.php?rubrique988

Synopsis with 2014 data

download it at http://uic.org/IMG/pdf/synopsis_2014.pdf

- **Provisional** data, annual basis
- All continents
- length of lines
- Rolling Stock
- Average staff strength
- Train performance in train-km
- Rail Traffic in pass., pass-km, tonnes, tonne-km, High speed traffic.

International Railway Statistics

NETWORK

TRANSPORT STOCK

STAFF

OPERATION

PASSENGER TRAFFIC

FREIGHT TRAFFIC

FINANCIAL RESULTS

ENERGY

ACCIDENTS

FERRIES

HIGH-SPEED

FIVE YEARLY TABLES

- Yearly publication
- Public data
- Paper until 2011
- Electronic files from now on
  - **RAILISA online querying: at pre-production stage**

Main indicators *(for reference)*

Passenger-kilometres (billions)

	2007	2008	2009	2010	2011	2012	2013	2014	Δ%
Europe including Turkey	469.2	483.8	470.5	472.8	485.6	480.0	476.1	475.3	-0.2%
Russian Federation	173.4	175.9	153.6	139.0	139.8	144.6	144.6	128.8	-10.9%
Africa	61.6	62.0	62.2	62.3	49.3	49.3	49.3	63.5	29%
America	13.3	14.0	13.5	12.0	20.8	20.9	22.3	21.7	-2.4%
Asia Oceania and Middle East	1,788.6	1,950.9	2,012.0	2,079.3	2,187.8	2,171.7	2,173.0	2,380.9	9.6%
WORLD ***estimates***	**2,506.1**	**2,686.6**	**2,711.9**	**2,765.4**	**2,883.4**	**2,866.6**	**2,865.3**	**3,070.2**	**7.2%**

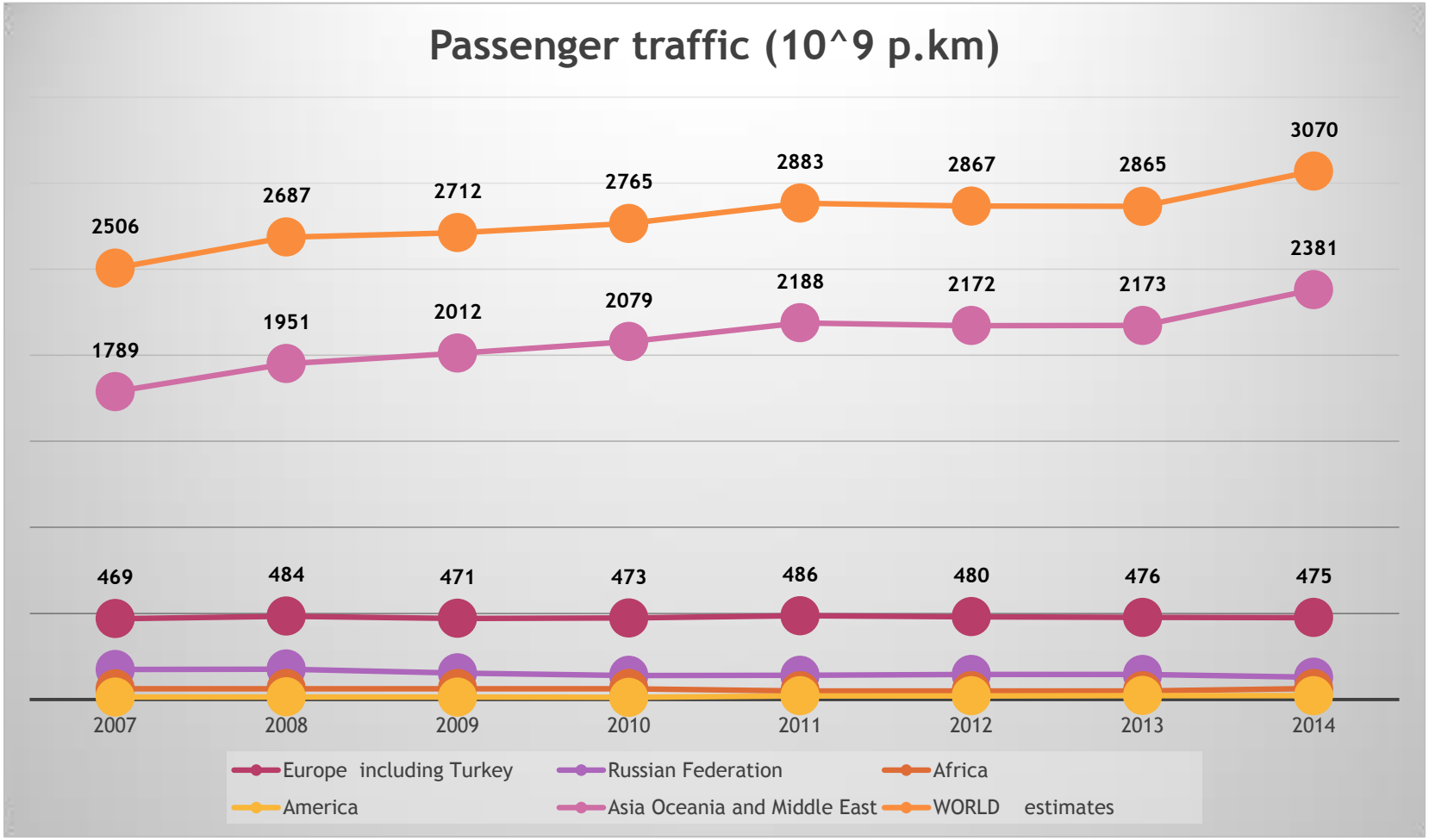
Tonne-kilometres (billions)

	2007	2008	2009	2010	2011	2012	2013	2014	Δ%
Europe including Turkey	723.2	986.8	546.0	700.6	648.6	621.4	604.1	569.6	-5.7%
Russian Federation	2,090.3	2,116.2	1,865.3	1,903.2	2,127.2	2,222.4	2,222.4	2,298.6	3.4%
Africa	139.2	138.4	137.1	139.2	139.1	139.1	139.4	158.7	14%
America	3,540.2	3,513.8	2,973.2	3,076.1	3,132.6	3,231.0	3,231.0	3,252.5	0.7%
Asia Oceania and Middle East	3,095.9	3,452.7	3,466.2	3,462.0	3,621.2	3,593.1	3,592.3	3,410.7	-5.1%
WORLD ***estimates***	**9,588.9**	**10,207.9**	**8,987.9**	**9,281.2**	**9,668.6**	**9,807.0**	**9,789.2**	**9,690.2**	**-1.0%**

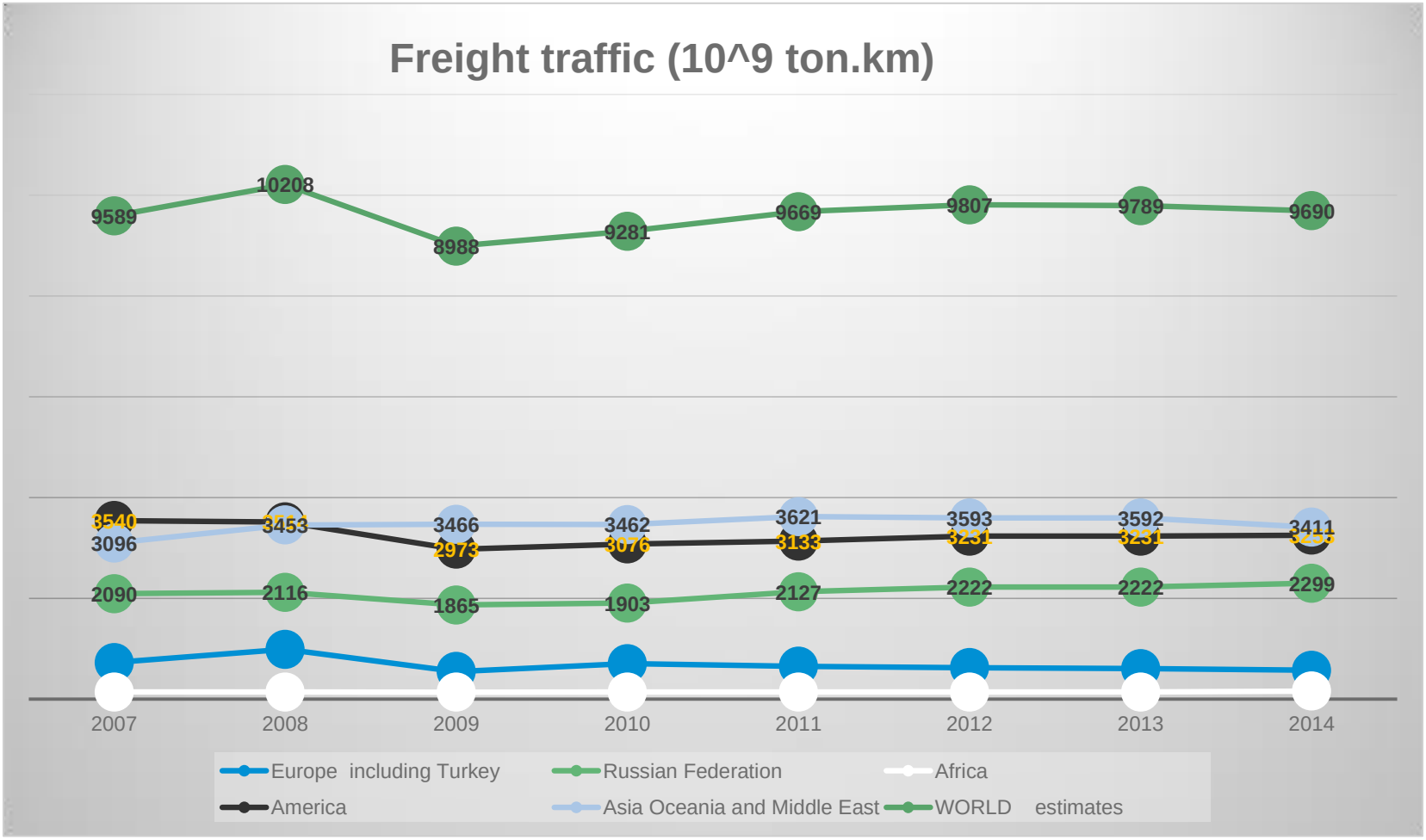
Length of lines (kilometres)

	2007	2008	2009	2010	2011	2012	2013	2014	Δ%
Europe including Turkey	264,630.4	263,805.8	268,465.9	285,408.3	270,341.9	265,115.6	265,231.0	348,514.0	31.4%
Russian Federation	84,158.0	85,194.0	85,281.0	85,292.0	85,167.0	84,249.0	84,249.0	85,266.0	1.2%
Africa	52,400.0	52,482.0	52,299.0	50,274.5	70,505.1	70,504.6	70,505.0	50,959.0	-28%
America	389,862.8	386,772.8	383,079.2	375,773.6	369,222.0	369,222.0	381,538.0	371,114.0	-2.7%
Asia Oceania and Middle East	222,644.5	221,827.0	224,151.0	224,204.9	233,570.4	232,365.9	227,707.0	229,702.0	0.9%
WORLD ***estimates***	**1,013,695.7**	**1,010,081.6**	**1,013,276.1**	**1,020,953.2**	**1,028,806.4**	**1,021,457.1**	**1,029,230.0**	**1,000,289.0**	**-2.8%**

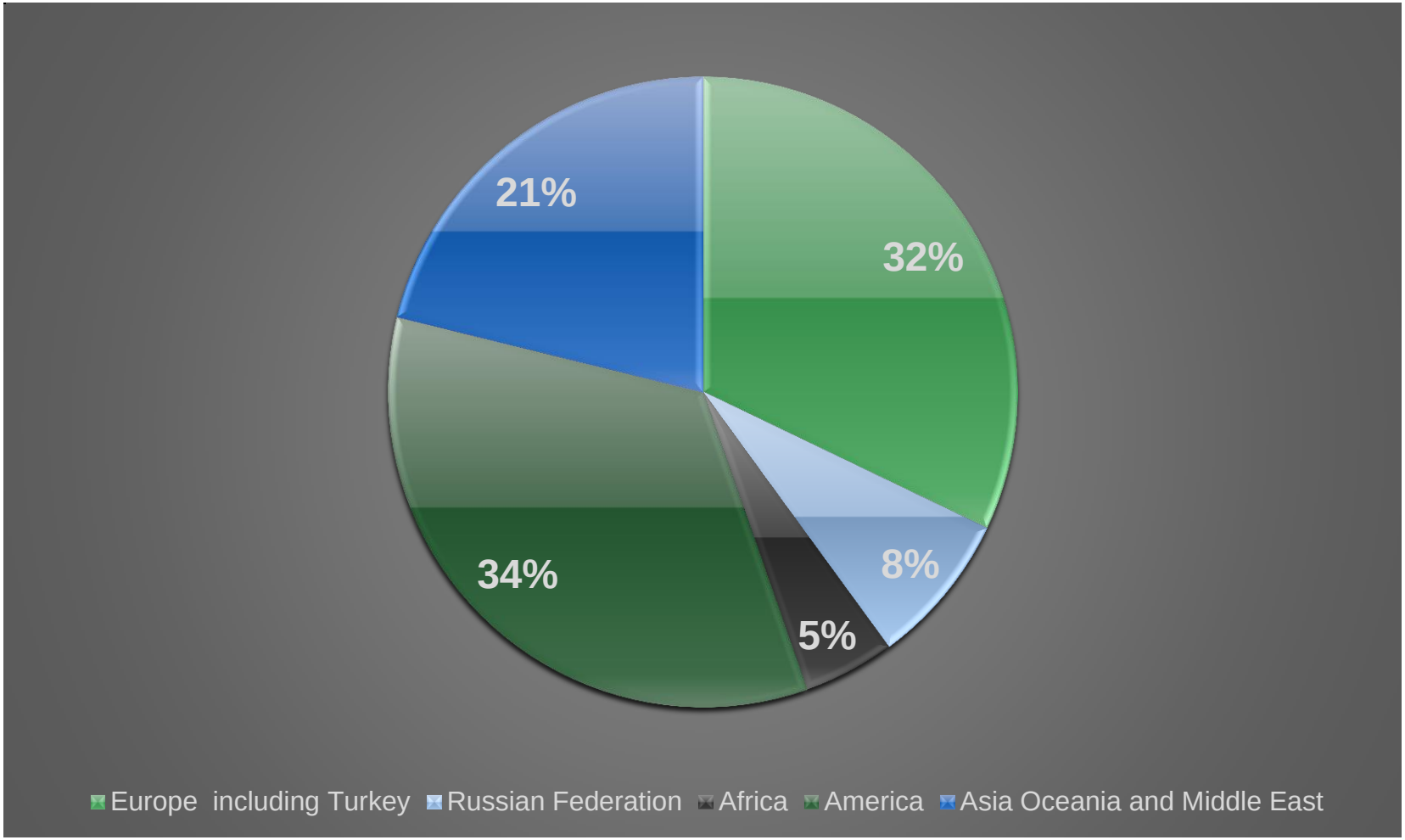
Passenger traffic evolution



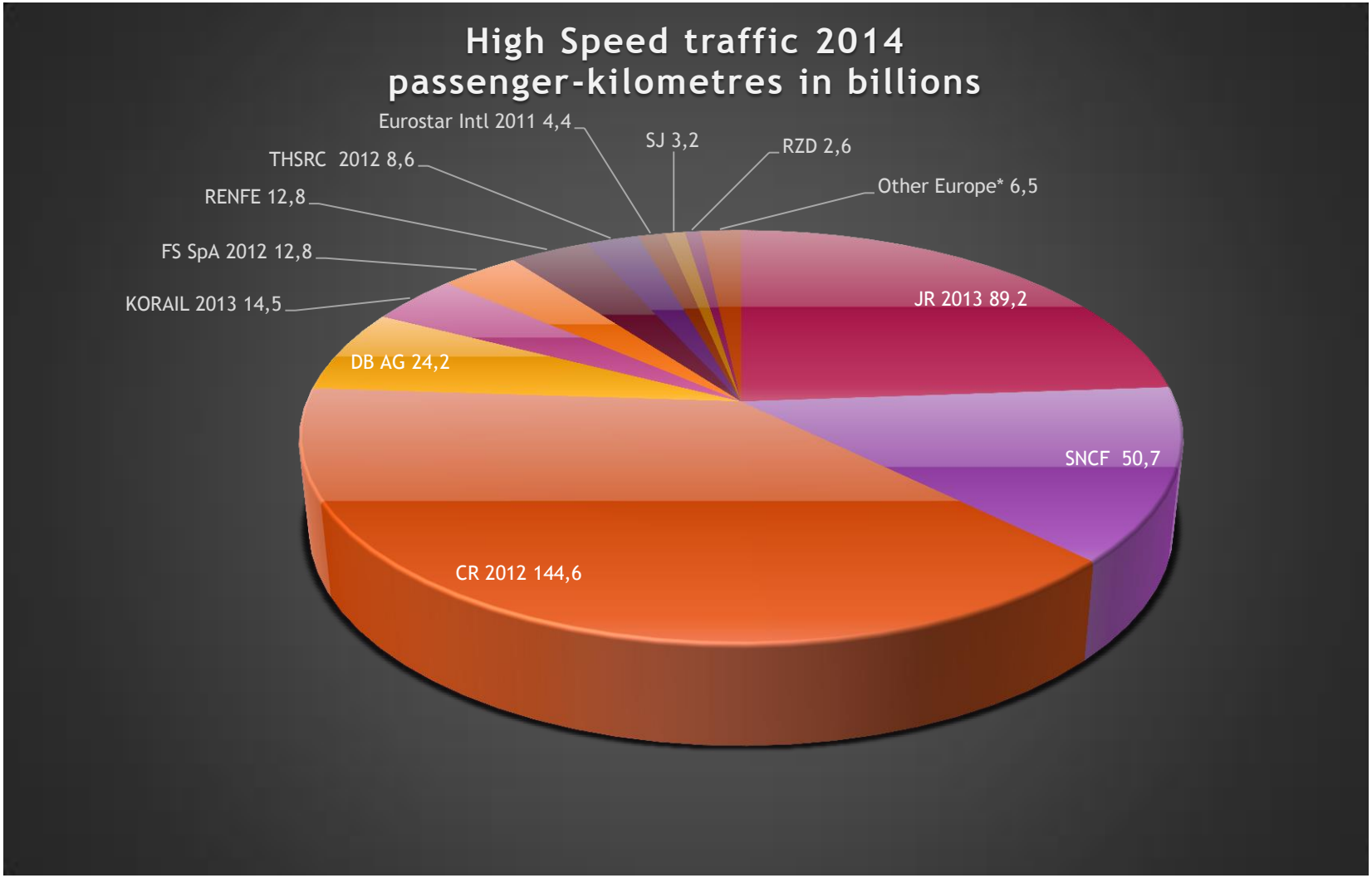
Freight traffic trends



Network length



High speed traffic



Further steps

- **Rail =**
  Multiple needs, multiple sources, multiple data repositories

- **Confidentiality issues: concern or excuse?**

➔**We need a**

- ➔Shared data systems
- ➔Shared data, managed by data owners + public data
- ➔Shared toolsets, based on open source solutions

  BI-, benchmarking style analysis toolsets

  Geographic toolsets (stemming from UIC ERIM, TENtec, …)

Thank you for your kind attention

Visit our webiste at http://www.uic.org