

DE-CIX

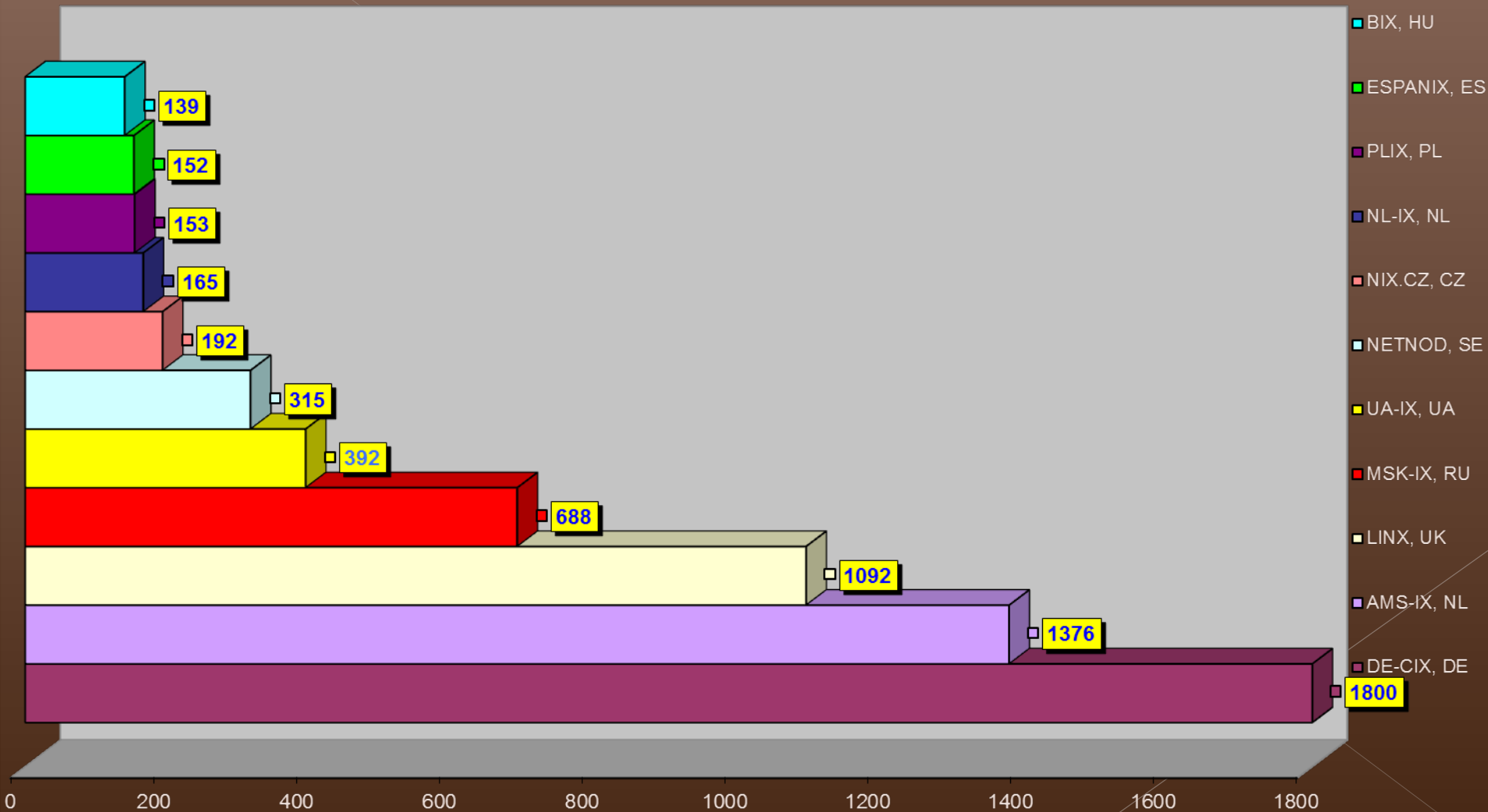
MSK-IX

UA-IX

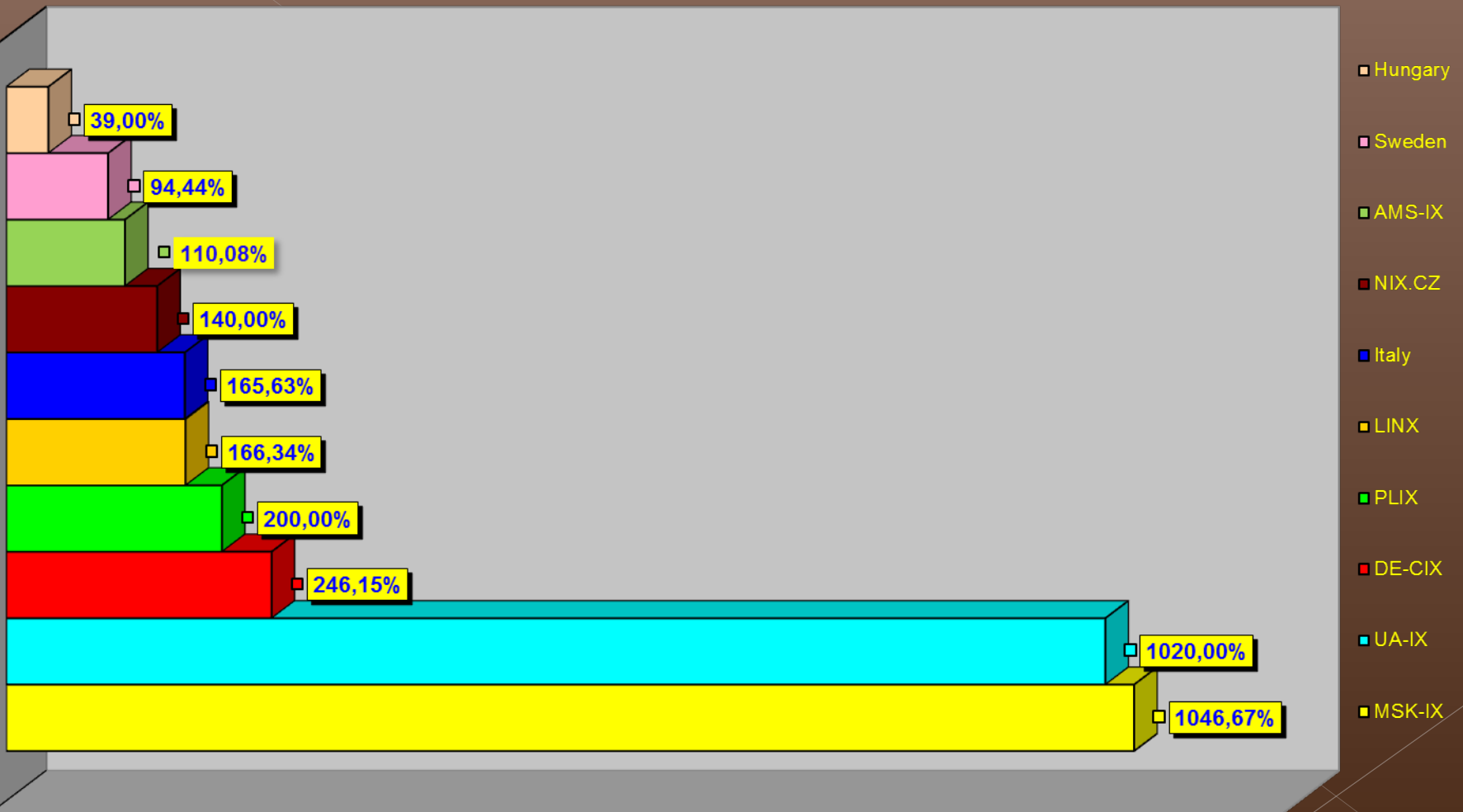
What is closer to
Russia and Ukraine ?

Top 11 from 132 European IXPs

Aggregated bandwidth 19.10.2011, Gbps

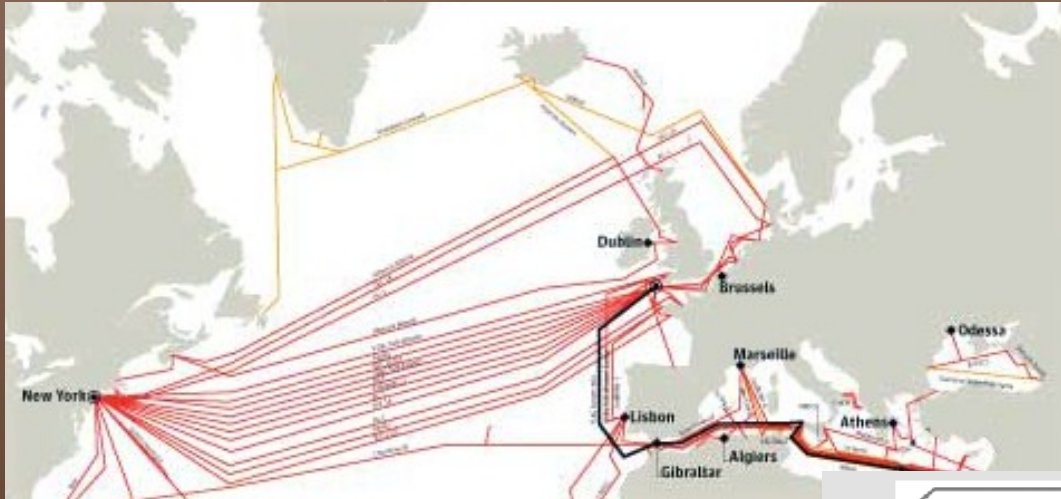


Growth of traffic in 2 years (2009-2011)



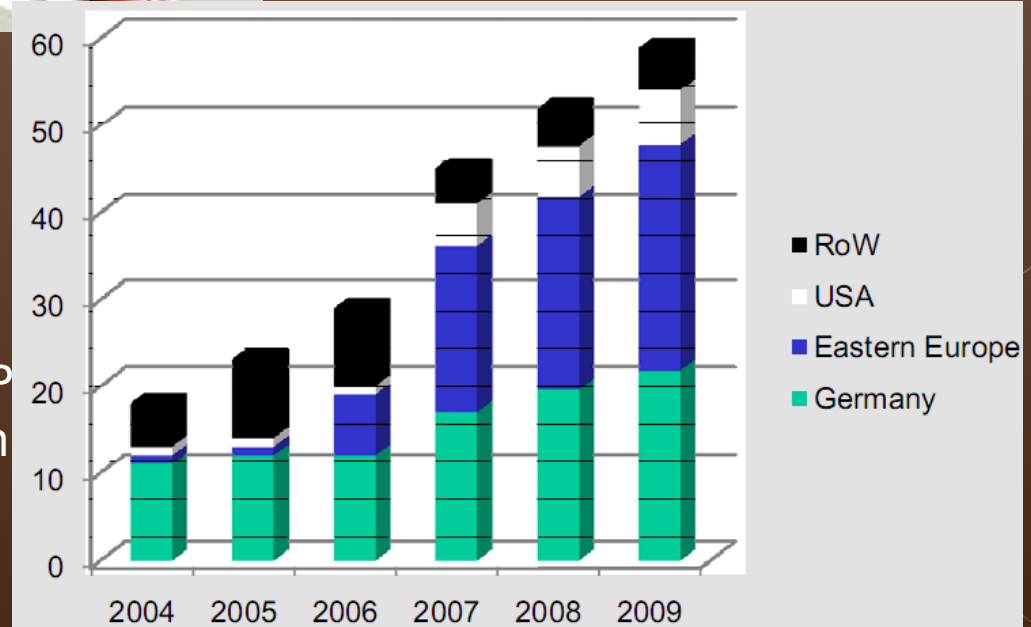
Russia and Ukraine - champions!

DE-CIX phenomenon



UK & NL terminate transatlantic cables
(direct access to US)

DE – choice #1 for telephony and VoIP
transformed to major eastern european
exchange point



members of	RU	UA
AMS-IX	25	5
DE-CIX	33	9
LINX	18	0
NETNOD	11	0

DE-CIX	MSK-IX	UA-IX
€2650	€1455	€116

10GE port monthly fee

MSK-IX has only 5 UA companies

UA-IX only 1.5 RU companies

"Russia is an important market for us since around 10% of our customer base is headquartered there and we have seen record traffic growth in that region", says DE-CIX' Frank Orłowski who is in charge of Business Development and Marketing.

http://www.de-cix.net/content/newsevents/Latest-News_1226.html



Favorite Path



Pros:

DE-CIX is #1 by volume of traffic

Poland got new transport network paid by Ukrainian ISPs

Cons:

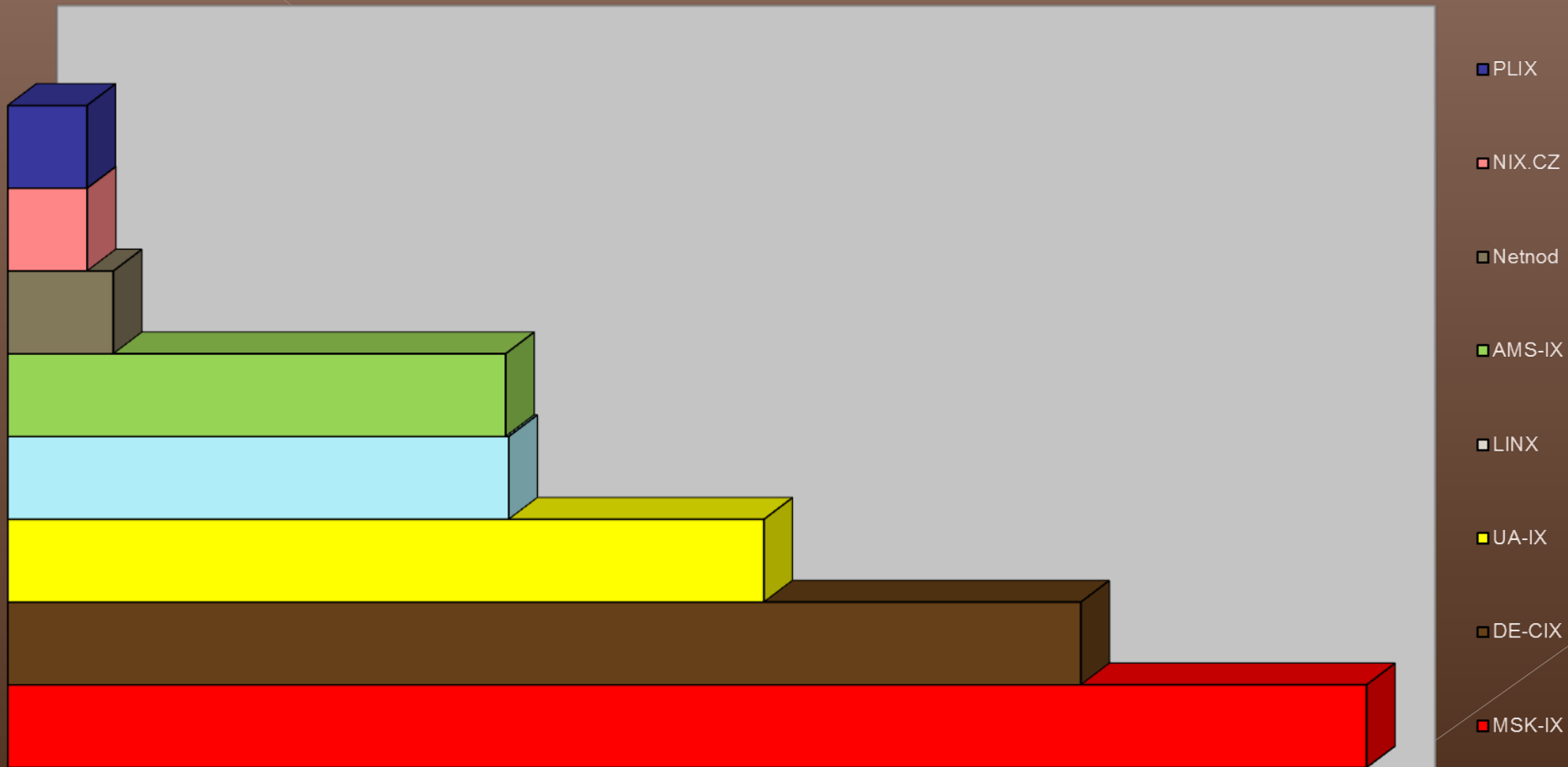
instead 20ms latency we have > 80ms delay between UA & RU

Some operators prefer exchange even national traffic in Frankfurt

Phantasy

- ⦿ Russia could be #1 Internet Empery
- ⦿ No need to put “Yanukovich” just connect the country
- ⦿ We could upgrade infrastructure better than Polish
- ⦿ No need to upgrade DE-CIX – keep them for western traffic only
- ⦿ 1TE will be needed between UA & RU in 2015

Top 8 European IXP Forecast for 2014



DE-CIX will be #2 due to huge traffic between Russia and Ukraine!



Danke!

