RIPE 62 - EIX WG Amsterdam

Euro-IX Update

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Euro-ix

RIPE 62 - Amsterdam, The Netherlands - May 2011

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The current IXP scene

European region	August 2009	April 2011
IXPs	121	130
Countries	33	36
Sites	389	420
Participants	5167	6035
Unique participants	3090	3375
Participants at more than one IXP	728	1056
Participants at 10 or more IXPs	29	44

"IXP-less" countries in Europe

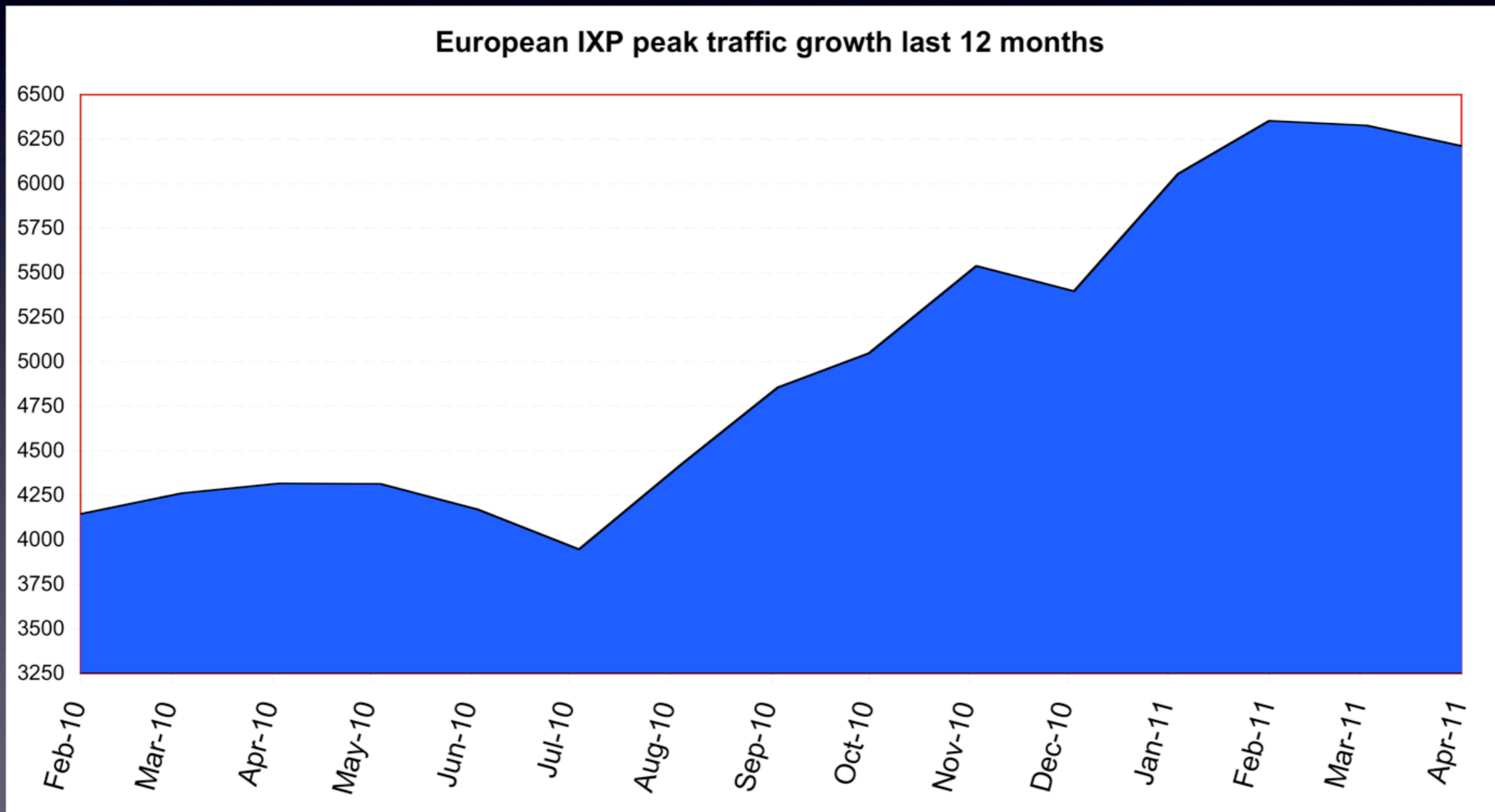- Albania**
- Bosnia
- Kosovo**
- Macedonia
- Serbia**

} All in the Balkan region

Efforts are underway in all these countries.

Euro-IX, PCH, RIPE and MENOG recently got together in Istanbul to produce a "Starting an IXP" conference in an attempt to help!
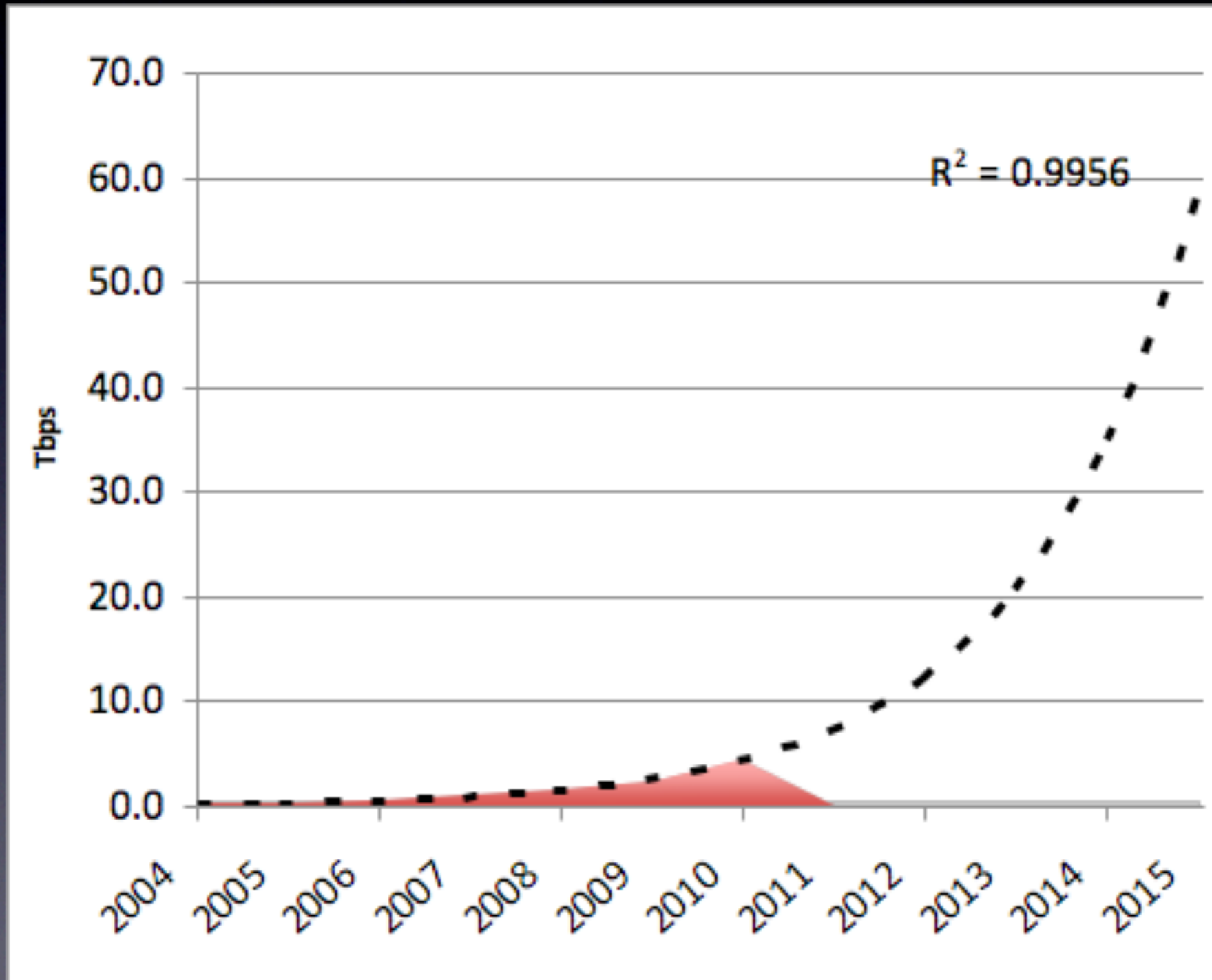
European IXP traffic

- Combined European IXP peak traffic has risen from:
  - 4.318 Tbps end Apr '10 to *6.204 Tbps* end Apr '11
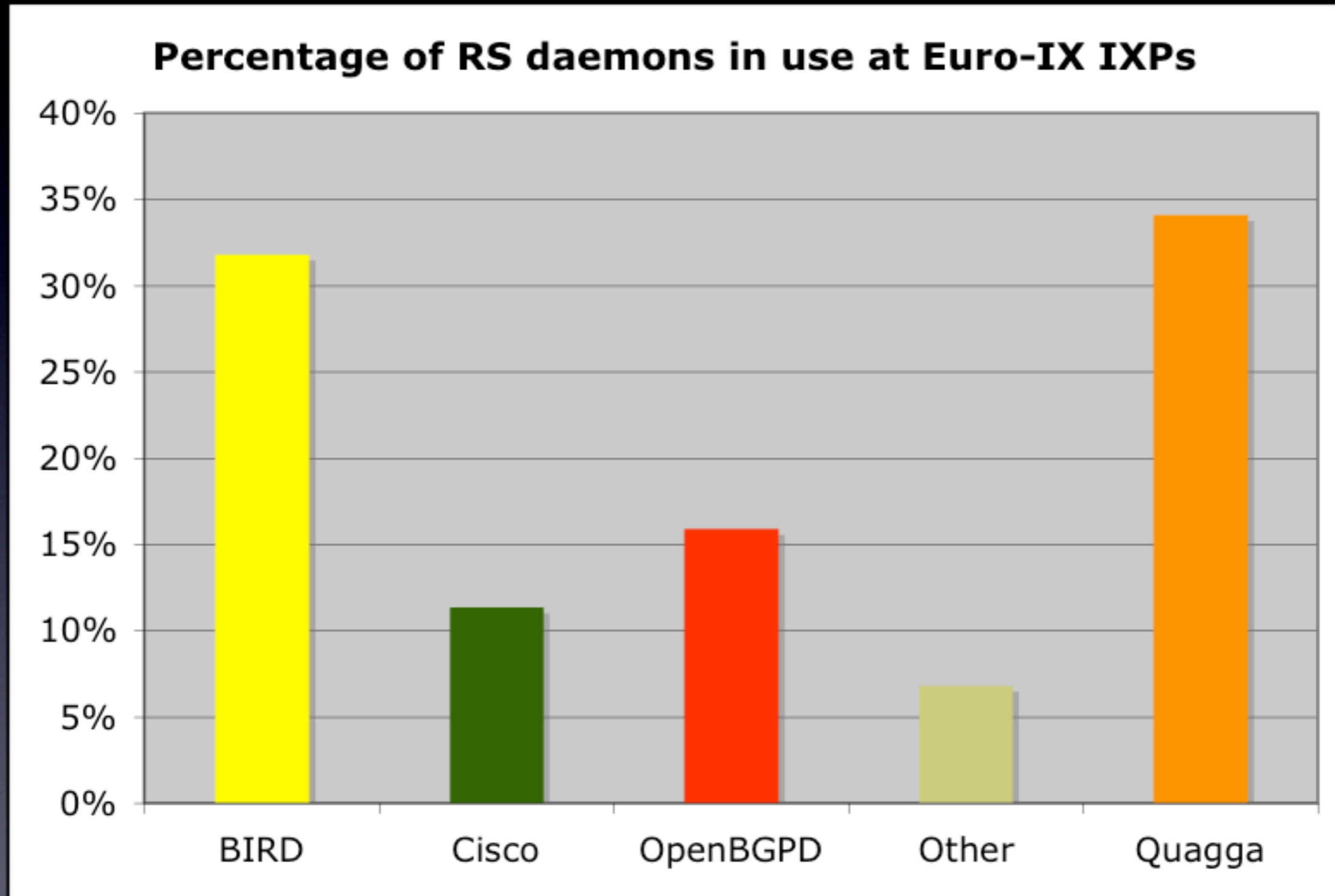 - 1.886 Tbps or 44% increase in the past 12 months

European IXP peak traffic growth last 12 months

5 year peak IXP traffic projection

Exponential trend line suggests 60 Tbps by end 2015

Route servers at Euro-IX IXPs

Percentage of RS daemons in use at Euro-IX IXPs

IPv6 at IXPs

IPv6 active participants?

Amount of IPv6 traffic?

Coming soon.......

News (1): Euro-IX affiliates

- 59 affiliated IXPs:

  ▸ Europe: 47 members (operating some 70 IXPs in 27 different countries)

  ▸ Rest of the world: 12 IXPs

  ▸ 10 industry related patrons

News (2): Euro-IX affiliates

- Latest Euro-IX affiliated IXPs

  ▸ ALP-IX – Germany

  ▸ DIX – Denmark

  ▸ WORK-IX – Germany

  ▸ KIXP – Kenya

  ▸ Coresite's Any2 Exchange – USA

  ▸ TIX – Tanzania

  ▸ TREX – Finland

News (3): Joining Euro-IX

▶ All IXPs are invited to join Euro-IX

▶ Euro-IX has now introduced a Remote Associate Membership category for European IXPs

  ▶ Still receive access to restricted area of website, mailing lists, databases, listing on our website, inclusion in ASN matrix etc.

  ▶ Assumption is that they won't participate in Euro-IX Forums

  ▶ Annual membership fee is considerably less

News (4): Euro-IX Forums

- Last Euro-IX Forum was in Oslo

  ▸ Hosted by NIX Norway

  ▸ 42 IXPs were represented

- 18th Euro-IX Forum will be in Catania Sicily

  ▸ Hosted by MIX of Milan

  ▸ Date: 30th and 31st of May 2011

  ▸ Contact Serge if you wish to attend

European Internet Exchange Association

Euro-IX

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