STORY OF THE UK IPV6 COUNCIL

CESNET IPv6 Workshop @ Zoom

6 June 2022

IPV6 SITUATION IN THE UK – PRE-2014

IPv6 traffic level at **0.07%** in June 2012

- Global at ~0.62% - Google IPv6 Stats

None of the major ISPs announced plans for IPv6 rollout

6UK, a UK based IPv6 task force, disbanded in autumn 2012

But! Customers were interested in IPv6 knowledge

The country-wide situation needed to change

- Latif Ladid, IPv6 Forum, with Peter Kirstein, University College London, approached me at V6 World Congress in Paris, March 2014

UK IPV6 COUNCIL – FOUNDED IN APRIL 2014

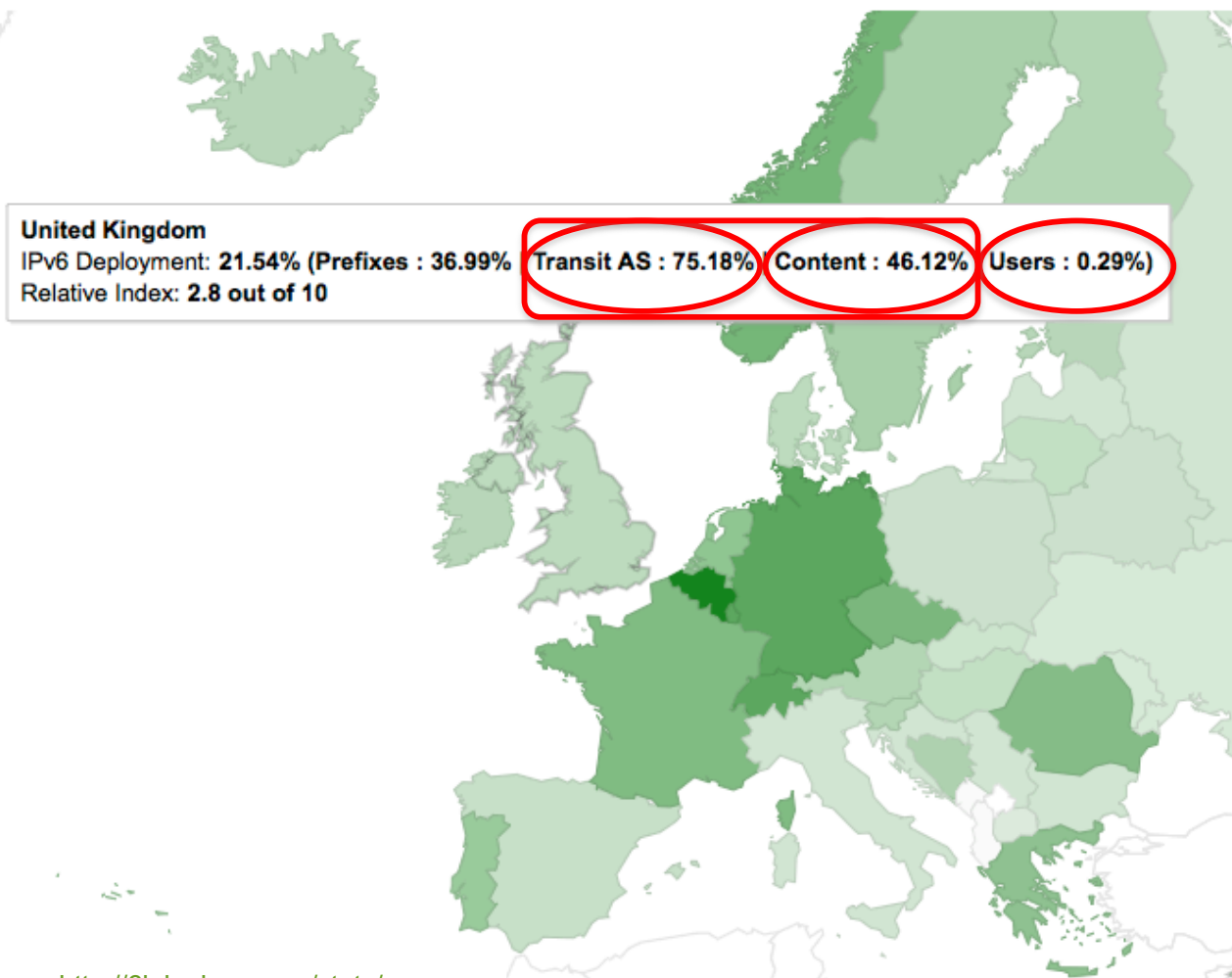Local chapter of IPv6 Forum, a Technology User Group

Vision

Create an environment for technical and business people from all industries/public sector/SP/academia to enable:

- Sharing of experience with IPv6 deployments
- Dialog and create a community

Work with other organisations in the UK and abroad, to make UK IPv6 activities visible in the UK and at an international level

- We regularly invite international speakers to our events

UK IPV6 ADOPTION — OCTOBER 2014

United Kingdom
IPv6 Deployment: **21.54%** (Prefixes : **36.99%** Transit AS : **75.18%** Content : **46.12%** Users : **0.29%**)
Relative Index: **2.8 out of 10**

Source: http://6lab.cisco.com/stats/

UK IPV6 COUNCIL — ORGANISATION

Core Team – provides topics and organizes events

- Current members

Membership and communication: UK IPv6 Council LinkedIn Group

Website: www.ipv6.org.uk

- All content is published
- IPv6-only hosted by Mythic Beasts (UK)

Video recordings: UK IPv6 Council YouTube Channel

HOW WE RUN OUR "BUSINESS"

1 annual meeting per year

- Full day event, location London (and/or Zoom)

2-3 roundtables per year

- Discussion-focused afternoon for a small group of people (max 20 in-person attendance)

1 themed workshop per year

- Application development, Security, Transition technologies, Cloud

We are a Technology User Group = no budget, no legal entity

- Independence & limitations

All events are FREE and need location sponsorship

All presentations are in English (our advantage ☺)

HOW WE MEASURE OUR SUCCESS

Growth of IPv6 traffic in the UK

> 750 members

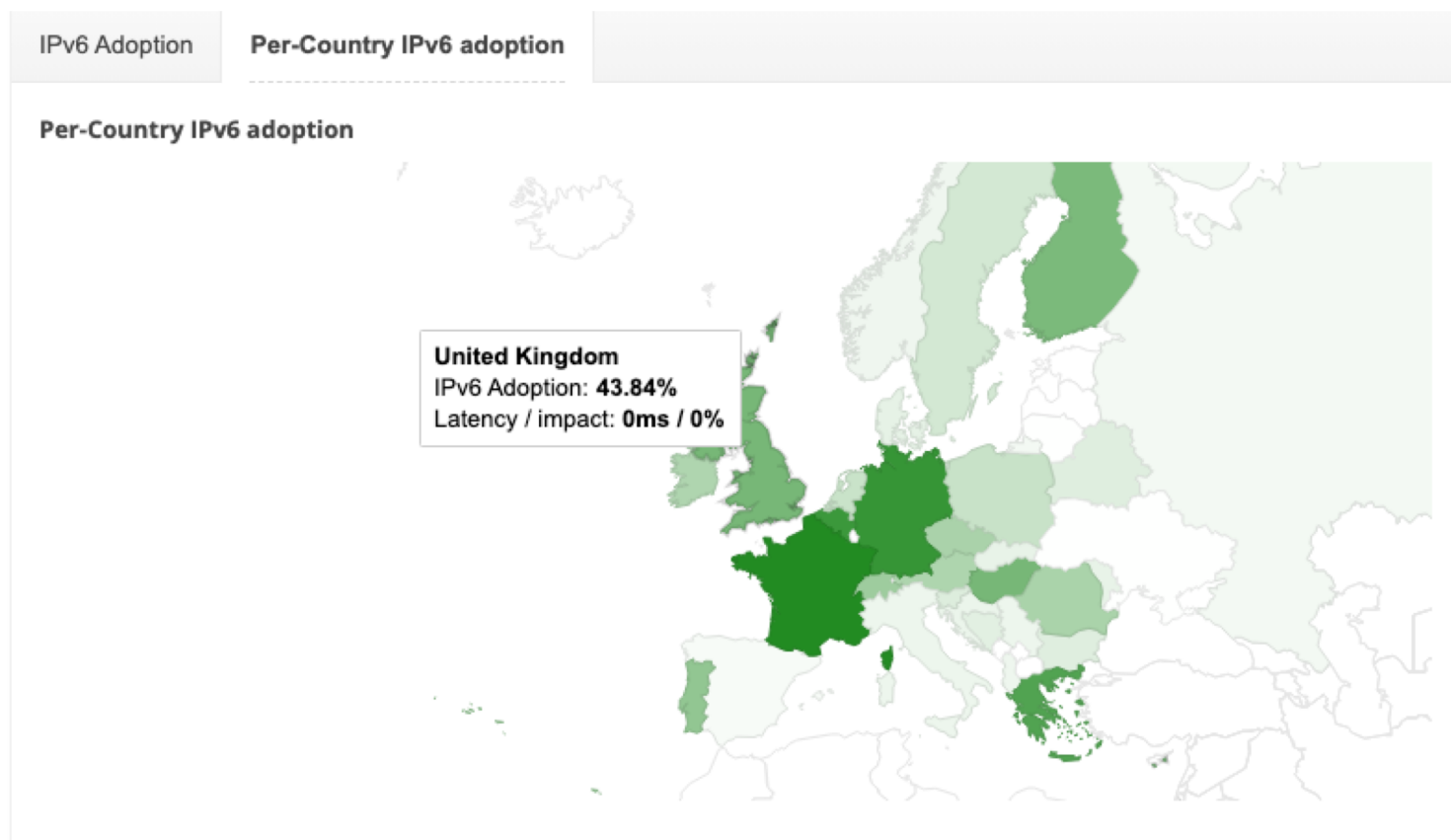Event attendance

Organisations get inspired and deploy IPv6(-only)

- Athlone Institute of Technology IPv6-only Wifi for students (2020 Annual meeting)

International Awards

UK IPV6 ADOPTION — JUNE 2022

Source: Google IPv6 Statistics

UK IPV6 STATISTICS — JUNE 2022

Google — 43.84% (33.21% in June '21)

APNIC — 38.51% (35.85% in June '21)

Facebook — 40.00% (36.06% in June '21)

IPV6 AWARDS

Jim Bound Awards
- UK companies awarded since 2016 (Sky UK were the first)

IPv6 Hall of Fame Awards
- Recognition of individual contributors (started in 2018)

IPv6 Lifetime Achievement Award (2019)
- Professor Peter Kirstein (UCL)

Awards drive interest and show appreciation of the effort

List of awardees

IPV6 TASK FORCES/COUNCILS AROUND THE WORLD

UK IPv6 Council modeled on Belgian IPv6 Council (Technology User Group)

Swiss IPv6 Council (paid membership)

USA – not a central task force, but a collection of local task forces (Rocky Mountain, California, Texas IPv6 Task Force)

IPv6 Council Italia founded in autumn 2021
- Founding member Sky Italia (thanks to Sky UK)

Many active IPv6 task forces around the world (Asia, Africa and South America)

Common goal – increase IPv6 adoption

♥ & deploy IPv6