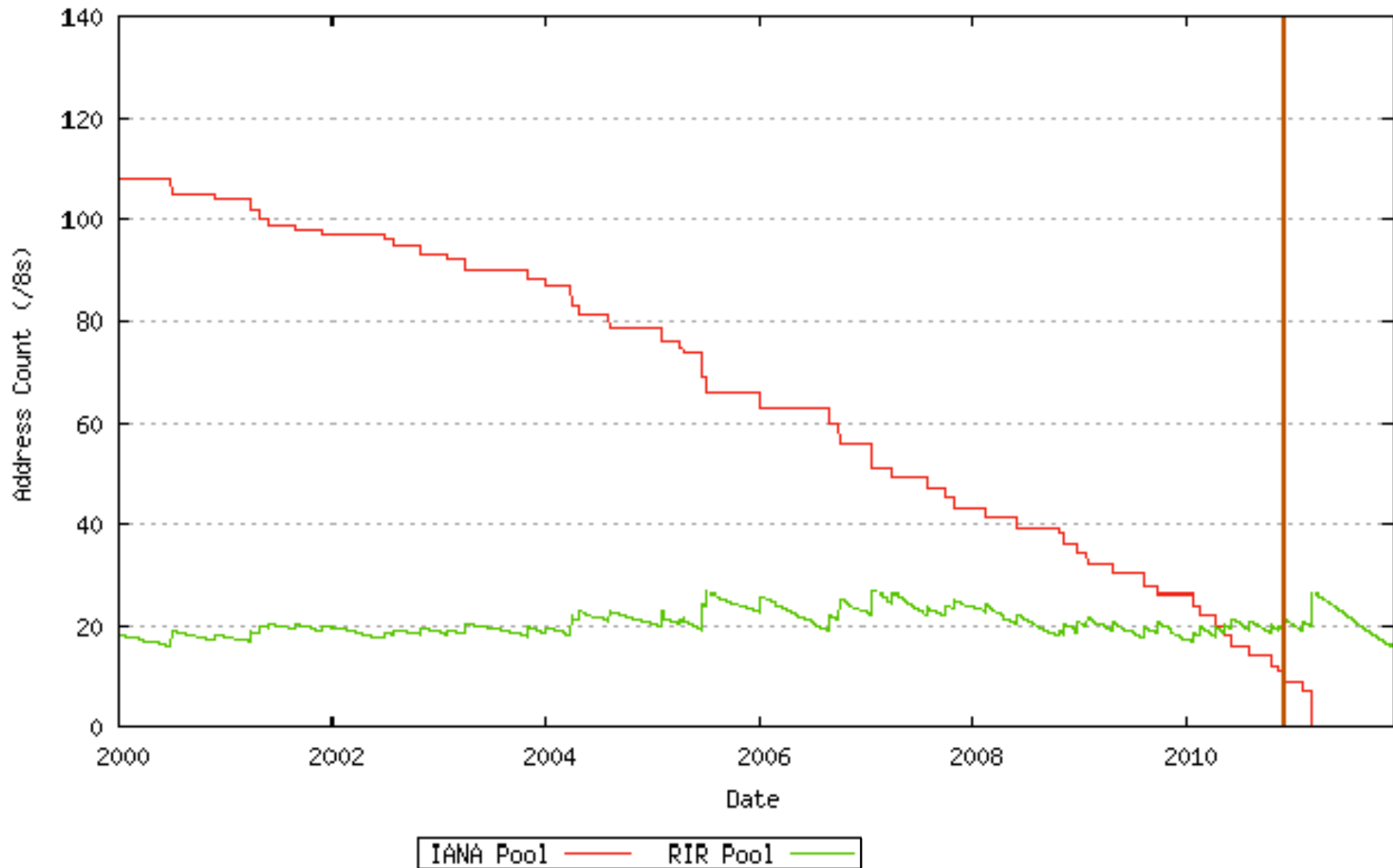


# **Rapporteur's Remarks**

# The IANA IPv4 address pool has run out



# Things are (finally!) moving (1)

Whilst the penetration of IPv6 may still be low, 2010 has seen an increased take-up in all the measures

- ASes
- Traffic
- Website accesses
- Available content (Google, YouTube, Yahoo, Facebook (2011), ...)
- Product enquiries to vendors
- Requests for training
- ....

## Things are (finally!) moving (2)

2 years ago, the stimulation for implementation was in terms of high-level policy:

- US DoD
- EC Action Plan
- Regional Internet Registries
- .....

But now the market is reacting .....

## Things are (finally!) moving (3)

- 90% of networking products are IPv6 enabled ... though predominantly in the backbone
- OSs are IPv6 enabled
- .....

### Missing:

- Dual-stacked CPEs, STBs, .....
- Firewalls
- Some “temporary” mechanisms have been necessary to ensure access to IPv4-only content, or from IPv4-only users
- .....

## **Things are (finally!) moving (4)**

Users are asking for IPv6.

The last link in the chain to get the user onto IPv6 is the Operator / ISP.

We are seeing the Operators / ISPs now wanting to encourage users to deploy IPv6, since it will be less expensive for them than keeping IPv4 running.

Major Operators / ISPs are into the process of inventorising their networks, have practical plans for deployment, and testing is in progress.

## **Things are (finally!) moving (5)**

A common consolidated set of user-equipment requirements would help vendors to prioritise their developments and solve the problem of the missing 10% of devices.

2011 looks like being an “interesting” year for IPv6.