



# Don't mention the war ( of the browsers )

- Web – Standardisation ?
- HTML5 & CSS3
- Speed of development
- Proliferation of mobile devices
- Device fragmentation
- All with different:
  - screen resolutions, screen sizes, OS's, manufacturers, hardware capabilities, softwares versions, browsers, rendering engine, javascript engines, etc.



**Your  
website  
here**

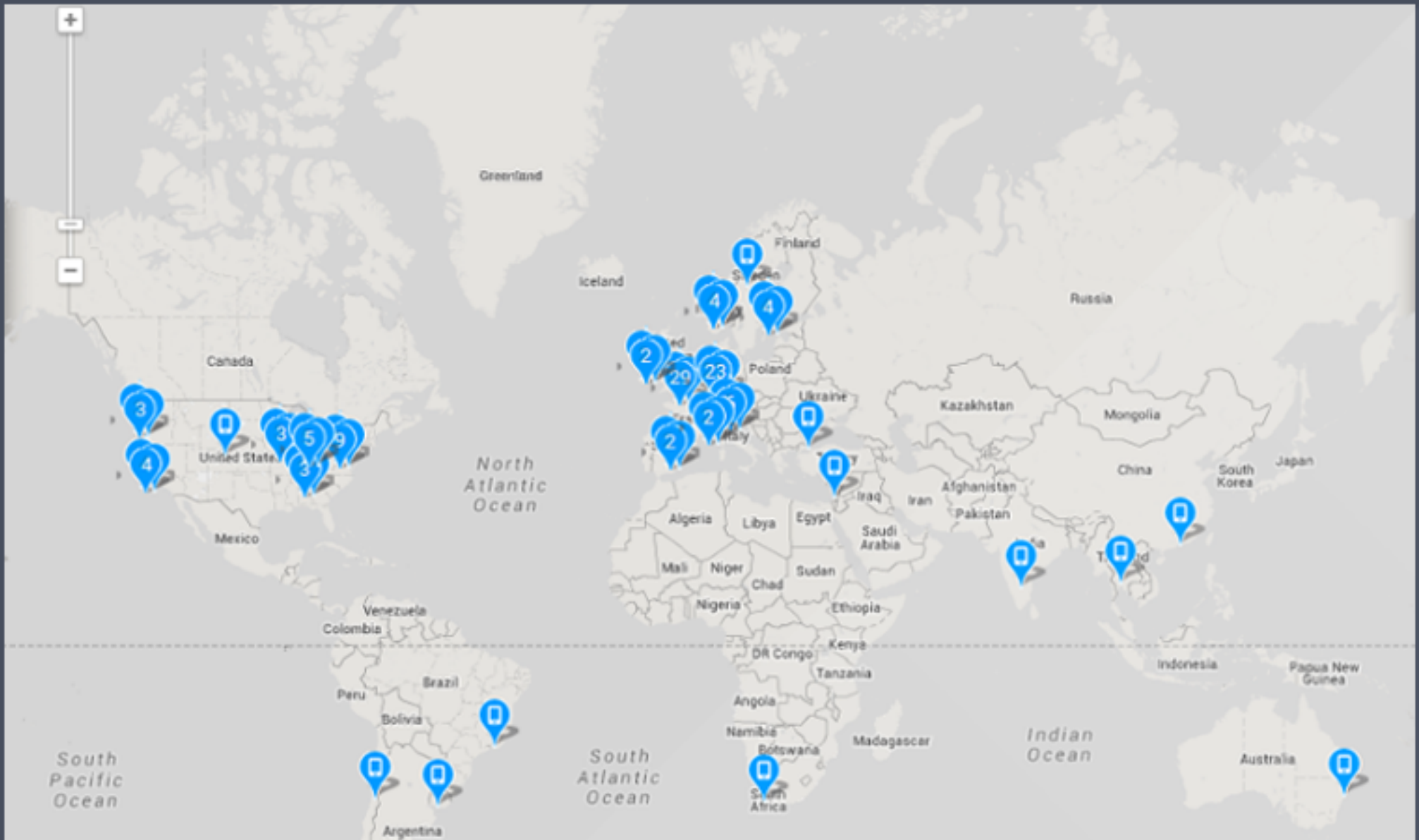
# Why is a **Device lab** needed ?

- Test, Test, Test
- Apps, Websites, Web Apps & Hybred Apps
- Emulators can only do so much
  - Touch
  - Device hardware [GPS, Camera, NFC etc.]
  - User Experience, ergonomics
  - Edge cases
  - Not the same software or hardware
- Need to test on real devices

# Device labs

- The rise of smart-phones
- Need to test on a range of platforms
- 2010's Web studios, large tech companies
- 2012 Clearleft – Brighton communal test lab
- Open Device Lab
- Lab-up





**111**

Open Device  
Labs

**26**

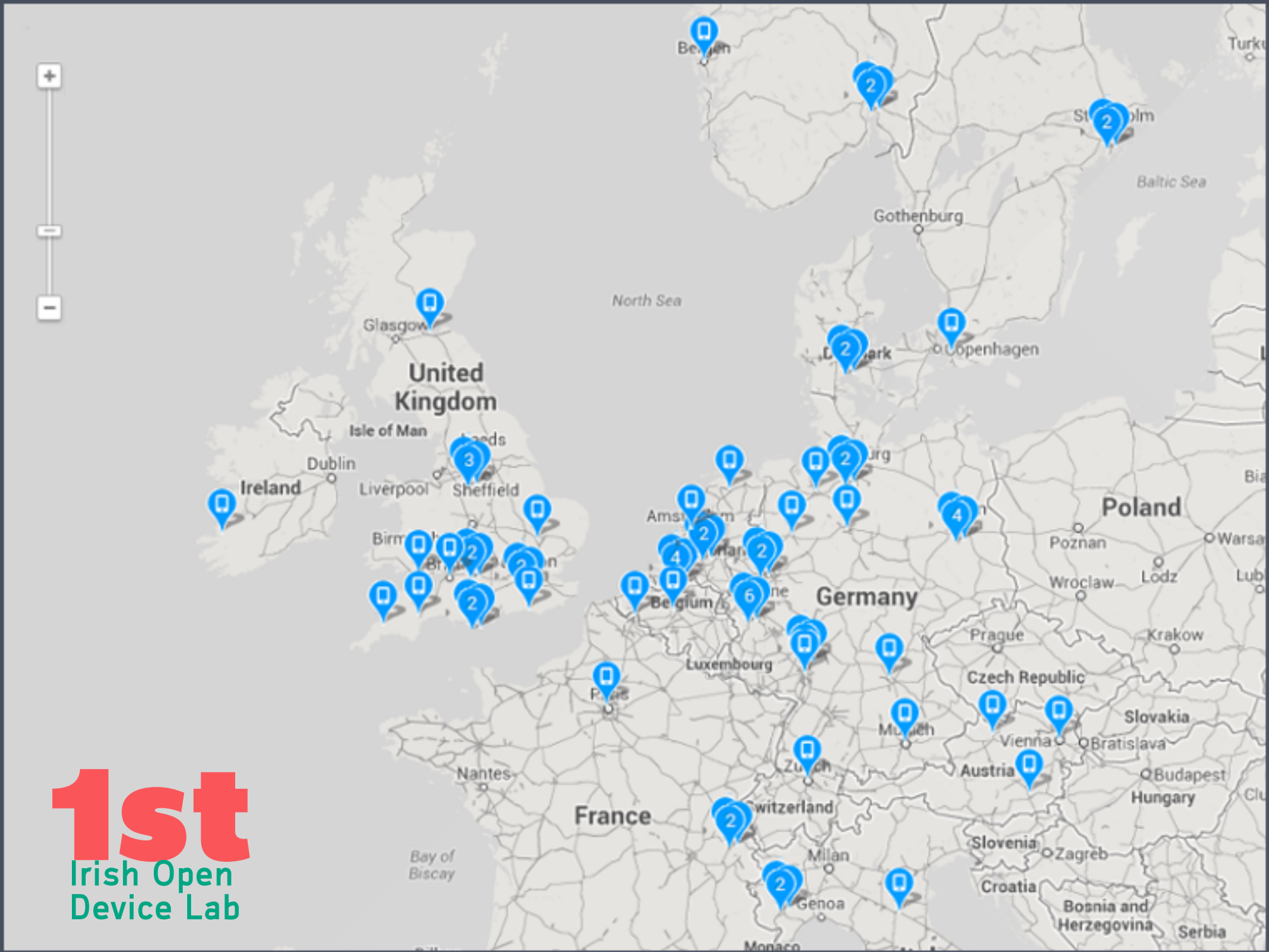
countries

**2896**

devices  
accessible

# Why an **Open** Device lab ?

- Access
- Serve the needs of community
  - ITT staff & students
  - Kerry Technology Park
  - Local companies
  - Freelancer developers
- Shared community pool of devices
- Not just the hardware, also knowledge
- Cost





# Why **IT Tralee** ODL ?

**"To excel in teaching, research and development work, for the benefit of students, industry and the wider community"**

- ITT Mission Statement