



HFCC (& 4G BB & GOLD) – G.fast

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G.fast DSL standard :

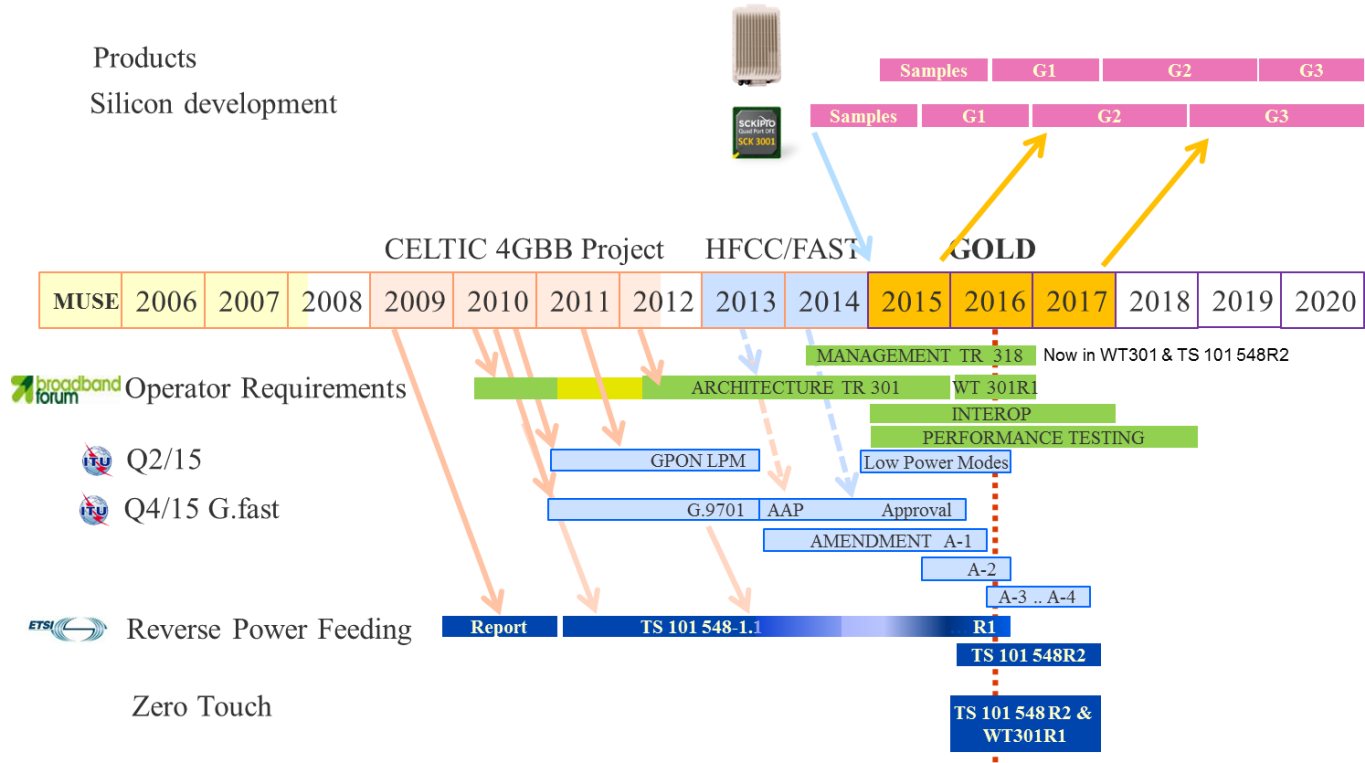
4G BB – possibility of wider spectrum use and proof-of-concept (4th Generation Broadband)

HFCC – development of early silicon and prototypes (Hybrid Fibre Copper Connectivity)

GOLD – product, test plans and field trials (Gigabits Over the Legacy Drop)



What we did – Develop the G.fast eco-system



How We Work

- *Celtic creates A PLATFORM for collaboration work and value creation*
- *The Project creates An ARENA for innovation, knowledge sharing and knowledge generation*



How This is Achieved

We meet face to face and discuss:

Our plans

Our research

Our results

Our insights into technologies and operations

Impacts on standardisation

Regular progress calls (+ monthly WP summary from WP leaders)



And

We document our work (reports – internally reviewed)

We also deliver models and demonstrators

We disseminate (dedicated WP)

We also use e-mail exploder for general requests/discussion

1-to1 calls to discuss specific ideas (ensure contact info is correct)



If the Landscape Changes

We change the focus(es) of the project (PCR)

This could be business/technological/reactionary or partner change reason

We mould the project to do what we want to do

We can change the goals during the course of the project

We are not tied to the project plan. The project is flexible.

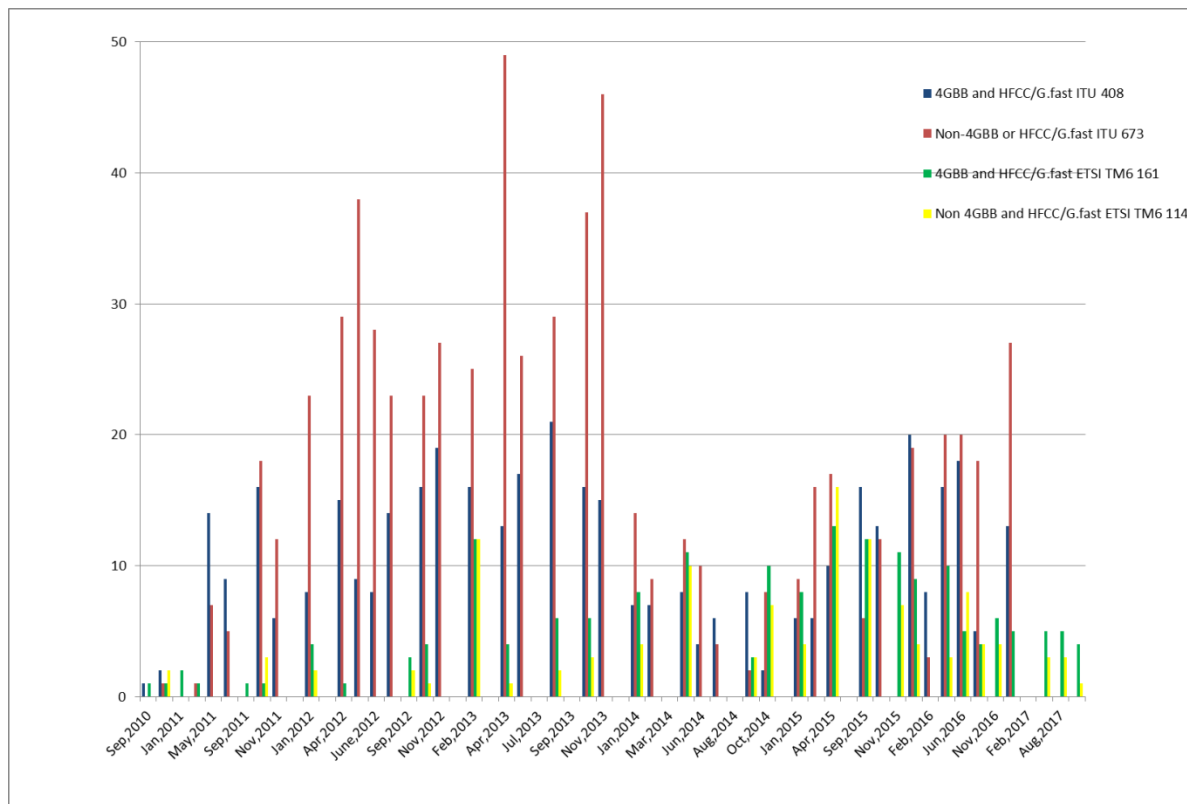


Why you did it through CELTIC?

CELTIC allows flexible partnerships to develop between industry, academia, SMEs, silicon vendors, system integrators etc.



Some Results (ITU & ETSI standards contributions)



Was it worth it?

Was the gain worth the pain?

G.Fast is now in roll-out phase by Openreach in UK

Would you go for another project?

H-Opto: *(looking at design, modelling, implementation, operation and fault prediction of optical networks)*

Fu5ion: *(looking at improving in-home data-rates by network slicing including: 5G, wireline, Wi-Fi, powerline integration)*

Would you recommend others to apply?

Yes

