

Doing  
things  
differently

***borealis***  
ALLIANCE

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# Doing things differently

The leading ANSP Alliance that enables its members to drive better performance for Stakeholders through business collaboration.



## *Delivering a Single European Sky*

Doing things differently for the benefit of customers



Free Route Airspace –  
Fuel efficiency



Strategic Roadmapping –  
Driving change



Common AIM solution –  
Cost savings



Datalink –  
Efficient infrastructure



Environmental performance  
monitoring (3Di) –  
Environment

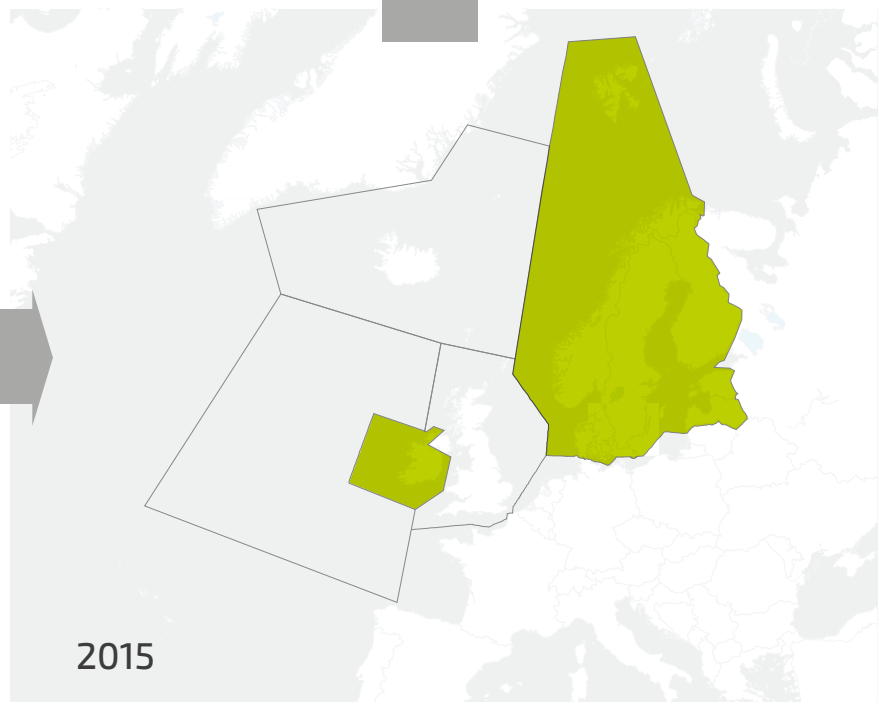
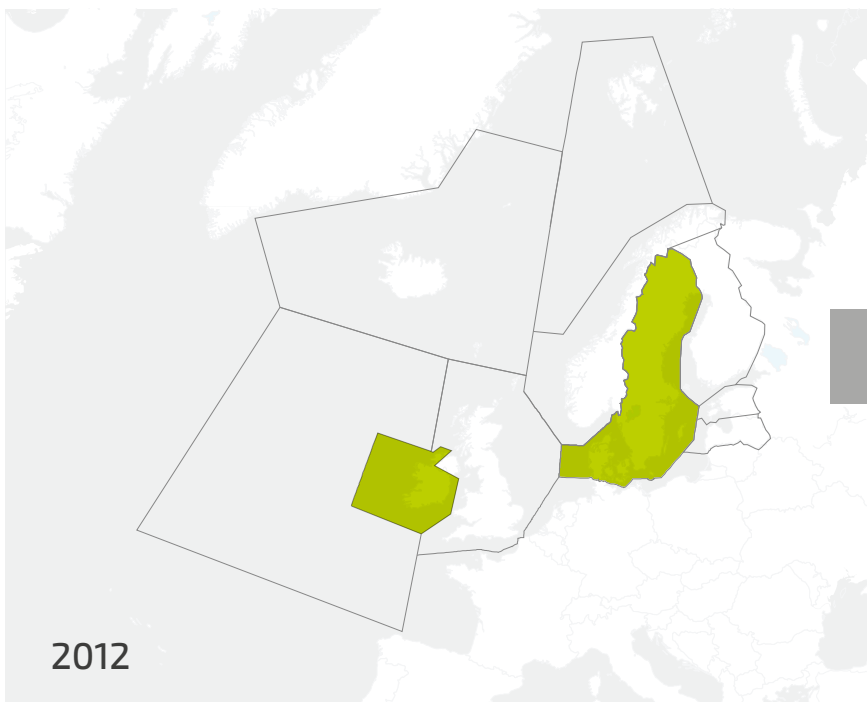
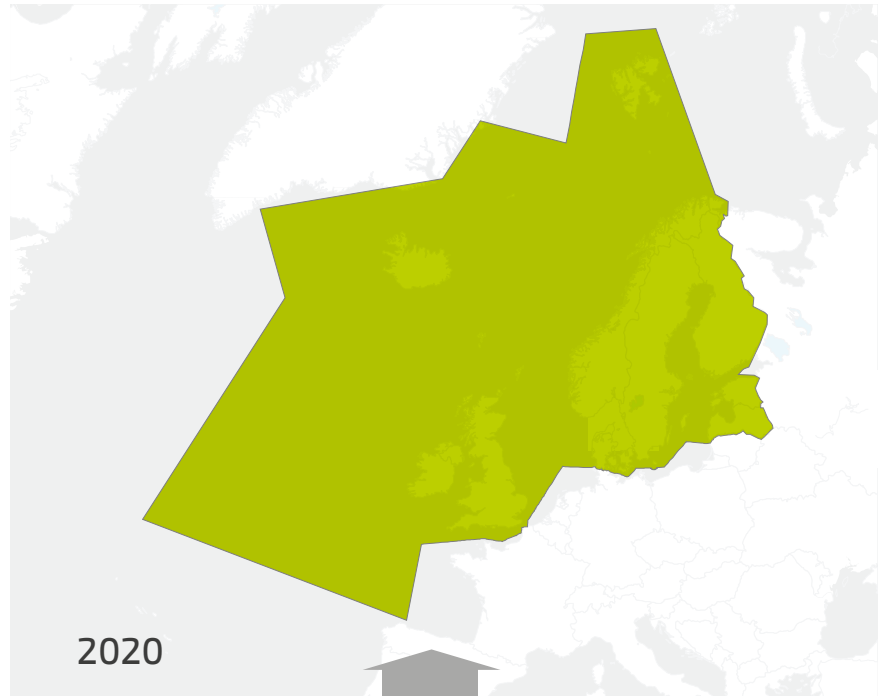
**Borealis Alliance: Business collaboration for the benefit of customers**

## Free Route Airspace

Free Route Airspace is key to the delivery of fuel efficient and environmentally friendly user preferred routings from the middle of the Atlantic to the Russian border

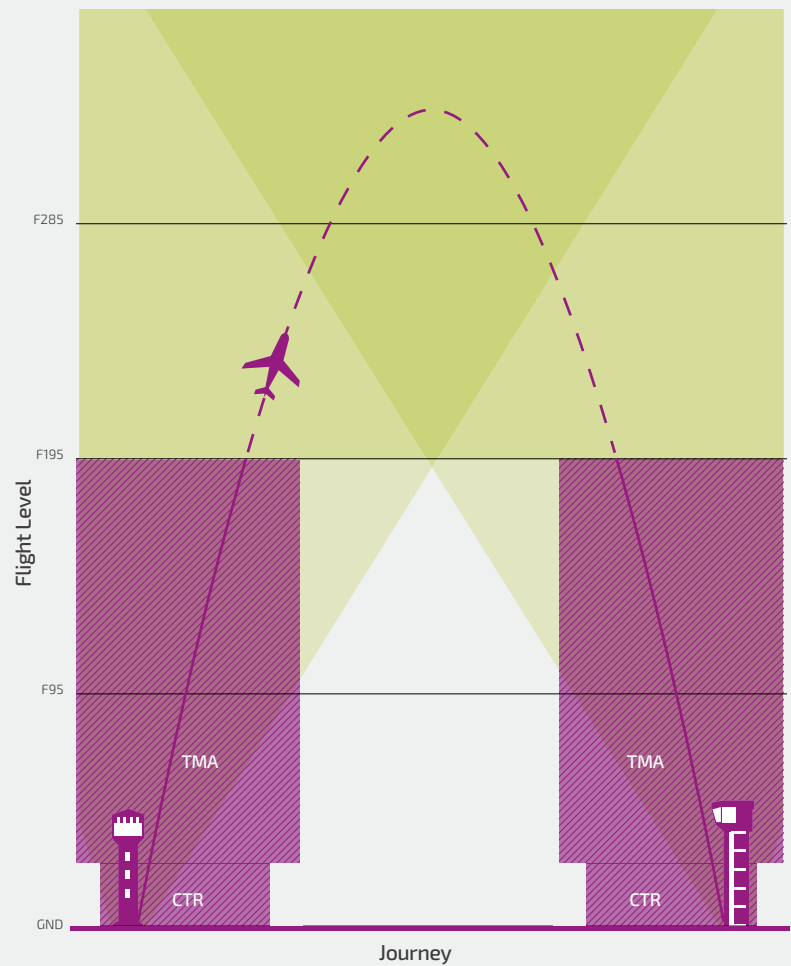
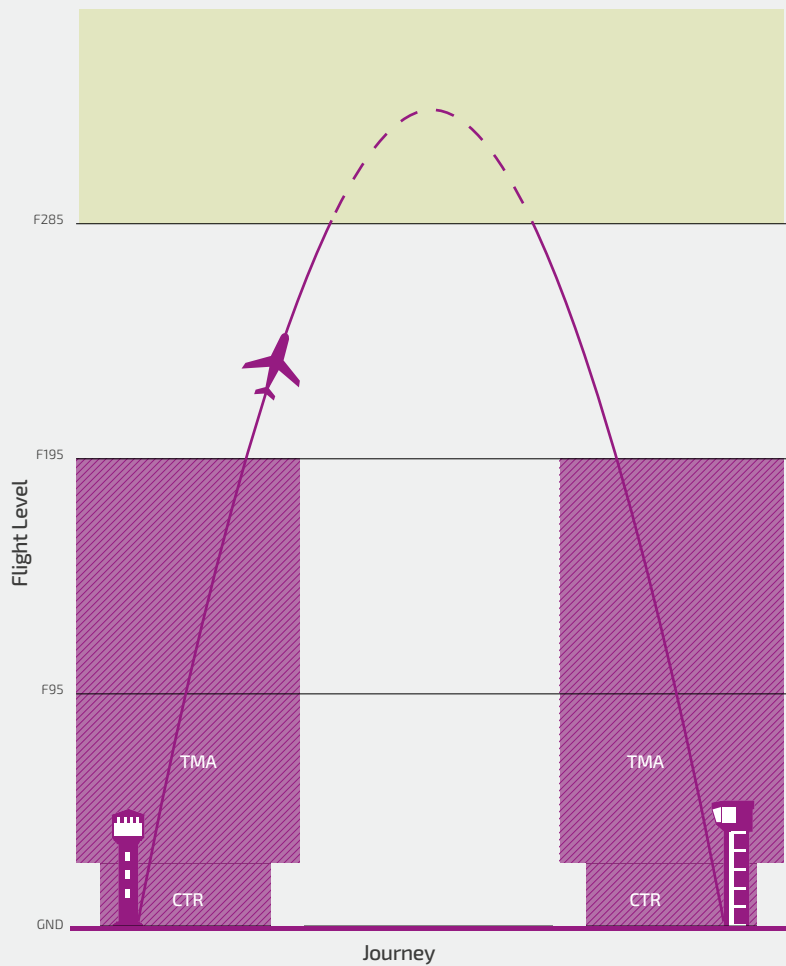
**Benefits:**



- A. Fuel efficient routings
- B. User preferred routings
- C. Cost savings for customers





# Data Link



-  When Datalink is in use
-  Datalink usage area

## Implementing Rule

Uses Datalink services (CPDLC) only for aircraft above FL285.

For many of the Borealis ANSPs, and for airspace users in Borealis members' airspace, this will provide only limited benefit as a large portion of the flights are shorthaul and will only stay above FL 285 for a very short time.

## Borealis ANSPs' approach to Datalink services

Use Datalink services from the top of the departed TMA throughout the full en-route phase until entering the TMA on arrival. Coverage will be in place at the time of initiating the service. The Optimised DLK services are related to enhanced messages and usage, to be developed from 2015 to 2018.

### Benefits:

- A. Improved comms in greater area
- B. Enhanced safety
- C. Greater value from investment

# € AIM – Our Approach

## A Regional AIM Service

Aeronautical Information Management (AIM) provides vital information to customers on airspace design and procedures.

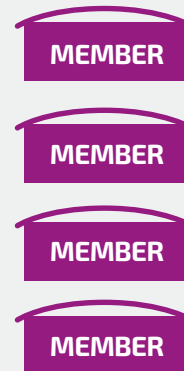
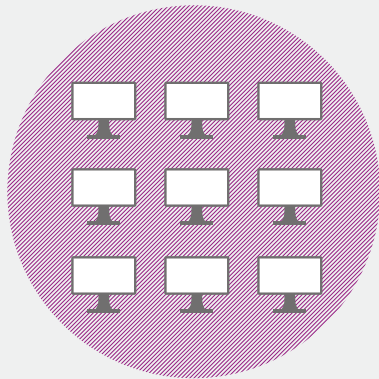
### Benefits:

- A. Regulatory compliance
- B. Cost savings
- C. Improved accuracy

REGIONAL AIM SERVICE

- ✓ ADQ Compliance
- ✓ Further cost savings
- ✓ Centre of Excellence

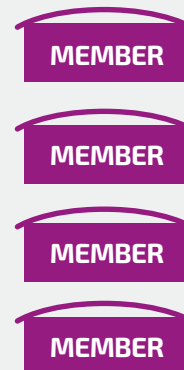
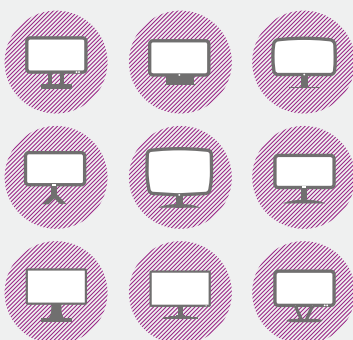
## A Shared System



- ✓ ADQ Compliance
- ✓ Cost savings



## “Do Nothing”



- ✓ ADQ Compliance
- ✓ High investments



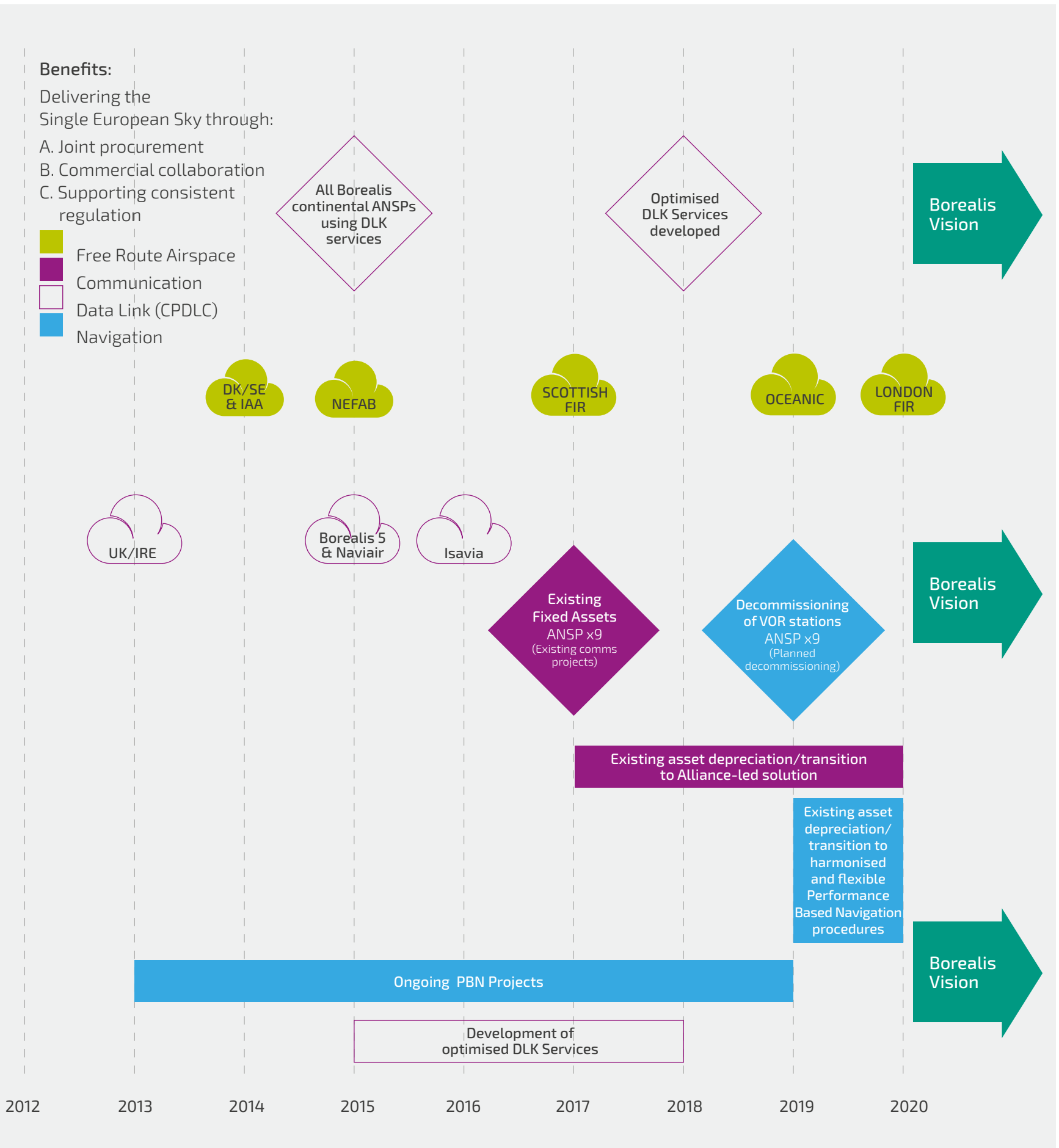
# Strategic Roadmapping

## Benefits:

Delivering the Single European Sky through:

- A. Joint procurement
- B. Commercial collaboration
- C. Supporting consistent regulation

- Free Route Airspace
- Communication
- Data Link (CPDLC)
- Navigation



2012 2013 2014 2015 2016 2017 2018 2019 2020

