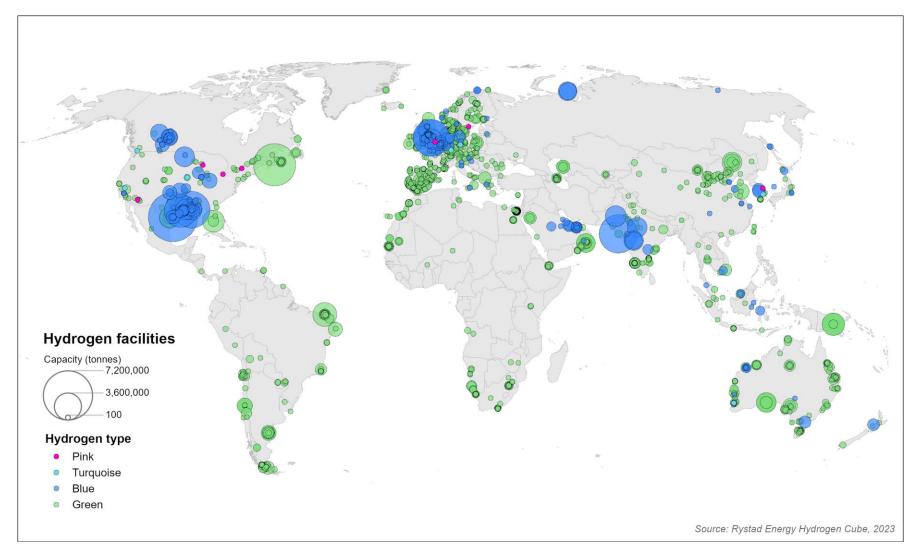


Deployment of the hydrogen ecosystem – a view from ECPs

Introduction to panel discussion

Tore Guldbrandsoy, Partner & Head of Benelux Brussels Office

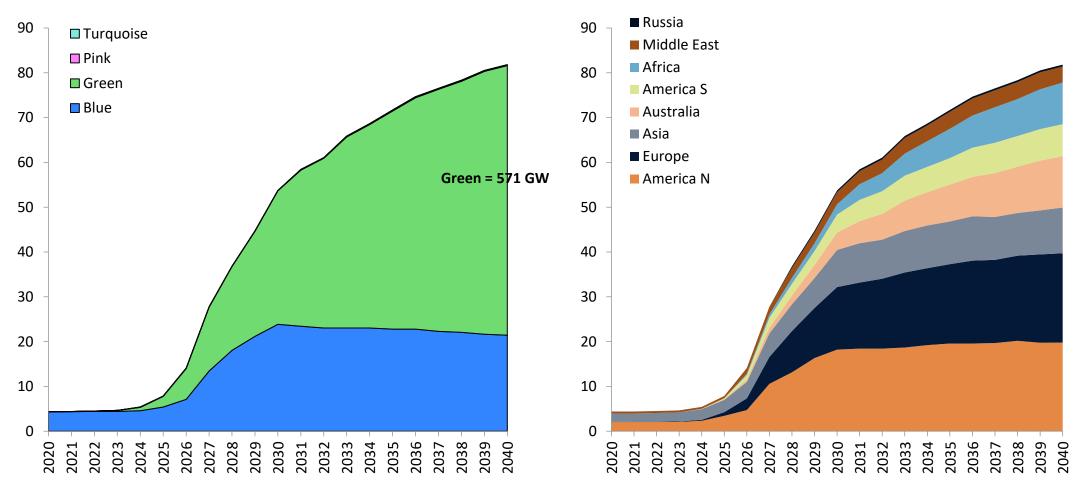
Green hydrogen continues to see strong announcement rate and capacity for the last few years



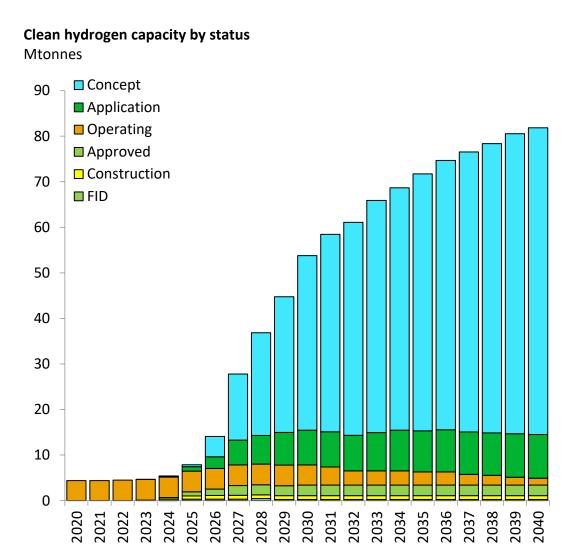
Clean hydrogen pipeline close to 90 million tonnes

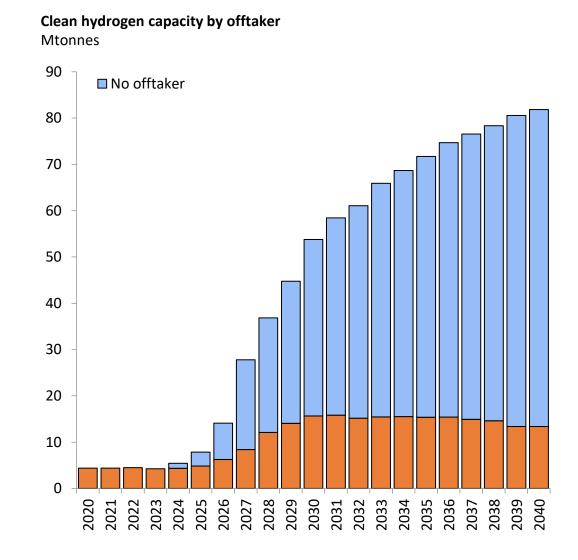
Overall clean hydrogen production pipeline by type (left) and by continent (right)

Million tonnes (Mt)



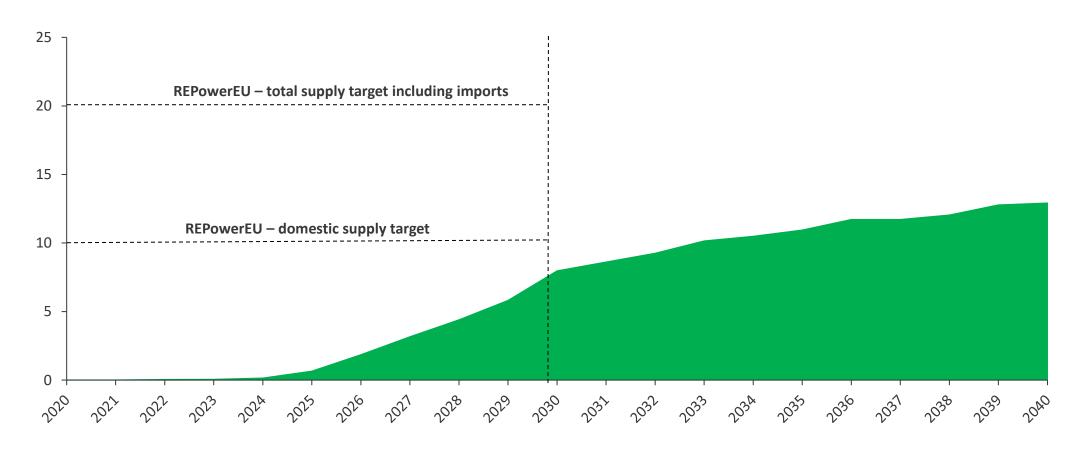
More than 80% of clean hydrogen capacity in 2040 is in concept phase and has no offtakers





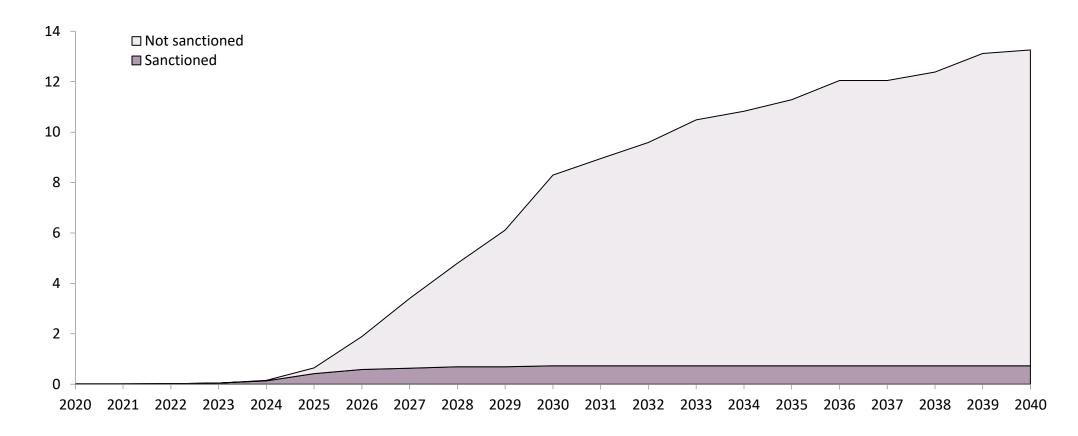
EU clean hydrogen pipeline getting closer to target in 2030

EU's domestic green hydrogen supply outlook Million tonnes



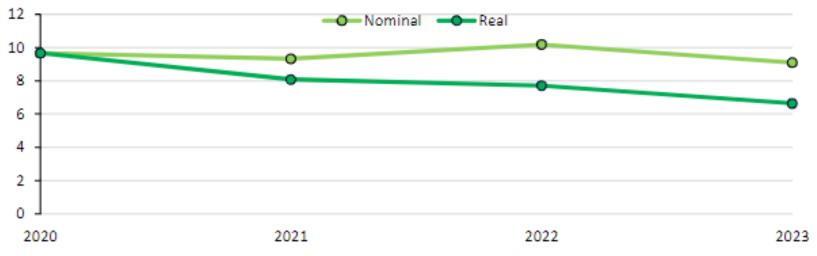
...but EU clean hydrogen pipeline requires a big step up in sanctioning of new projects

EU's domestic green hydrogen supply outlook Million tonnes



Green hydrogen cost not decreasing as fast as was anticipated a few years ago due to inflation of materials

Average levelized cost of hydrogen from onshore wind electrolysis in Germany USD per kg



^{* 100} MW electrolyzer using PEM, connected to dedicated to onshore wind with no grid connection, discount rate at 8%