

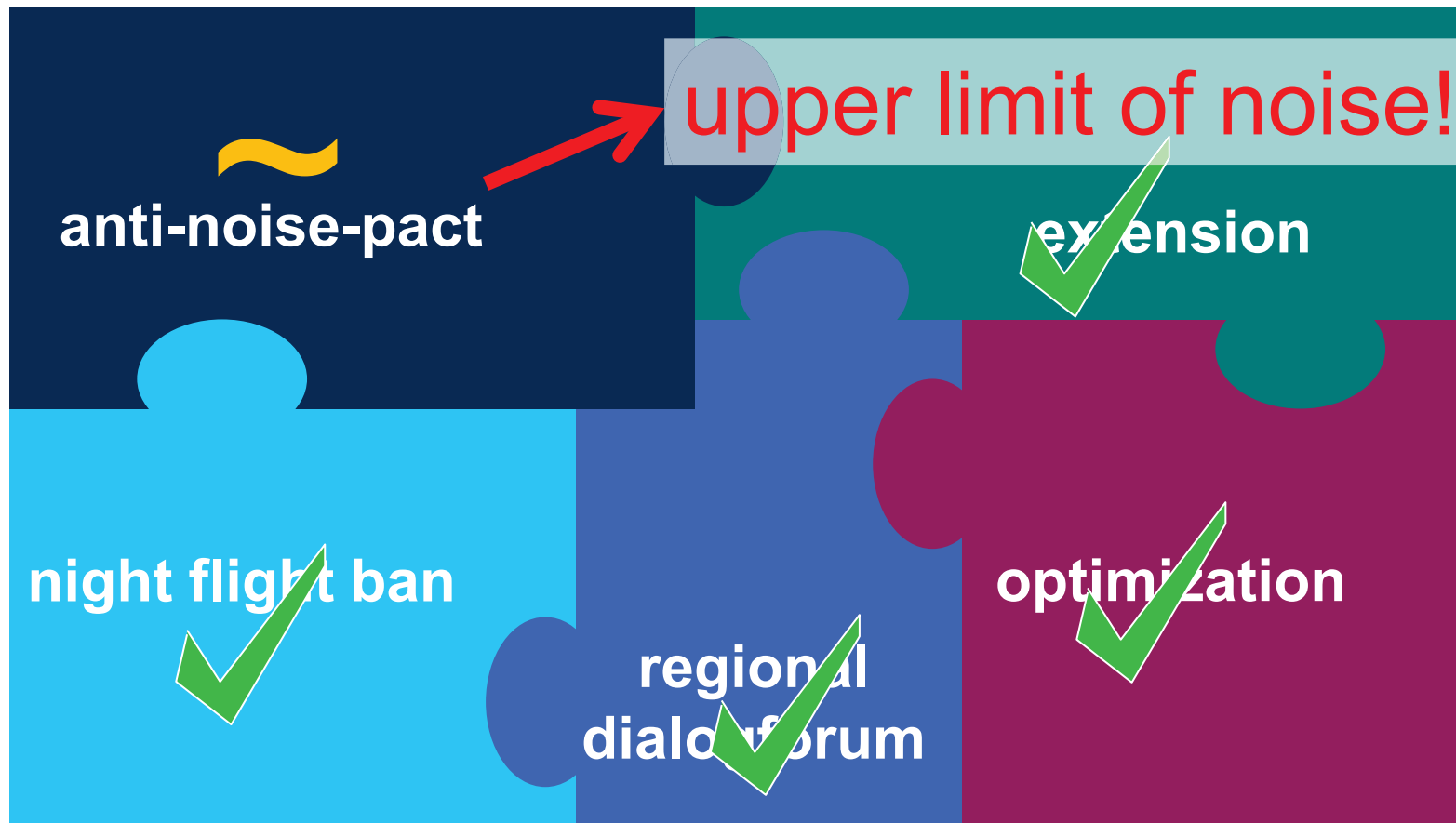
Research on less noisy aviation – a tour d´horizon about possibilities and limits

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German Aerospace Center
Forum Flughafen und Region

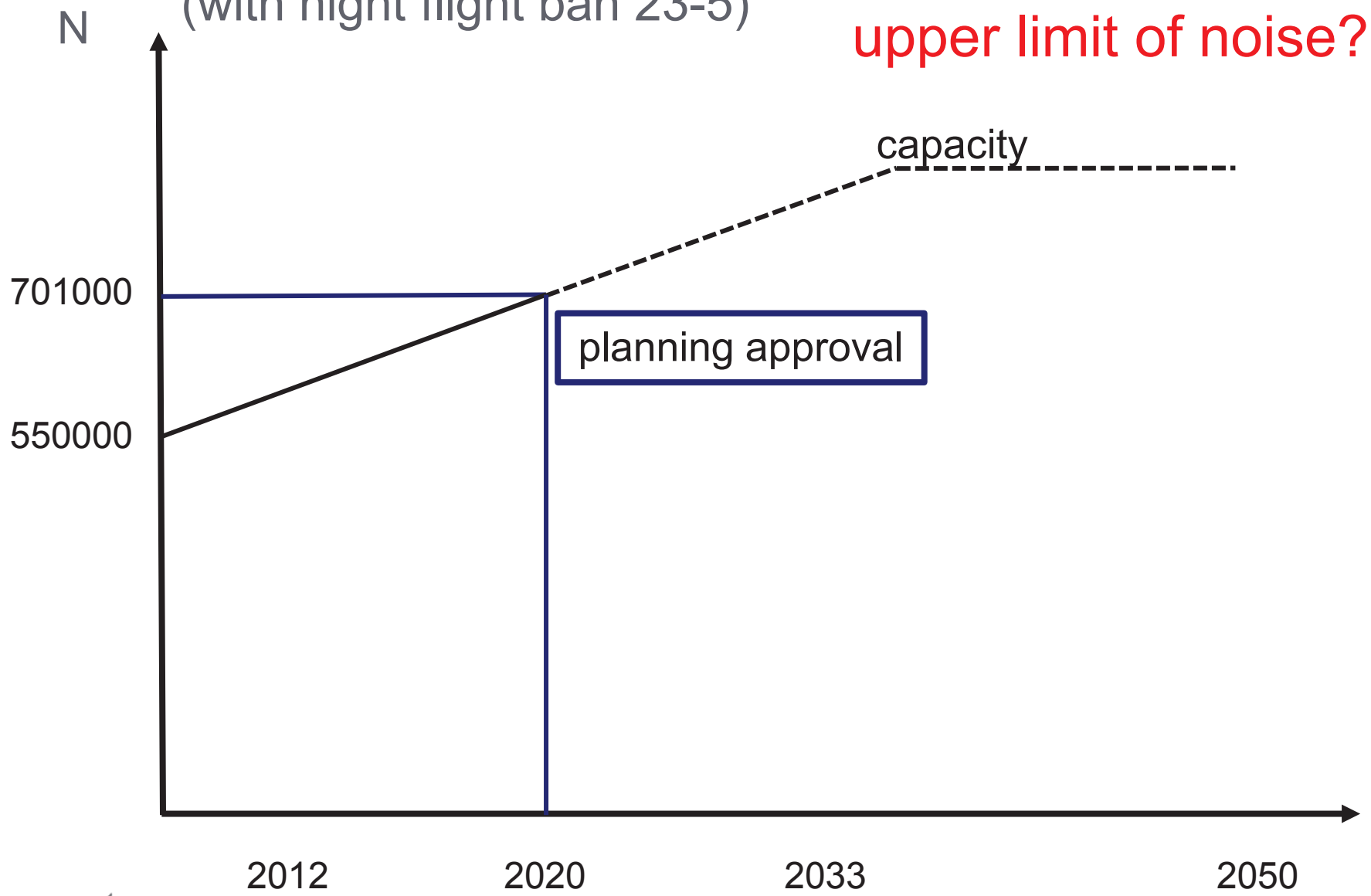


Extension of Frankfurt Airport realisation of mediation package



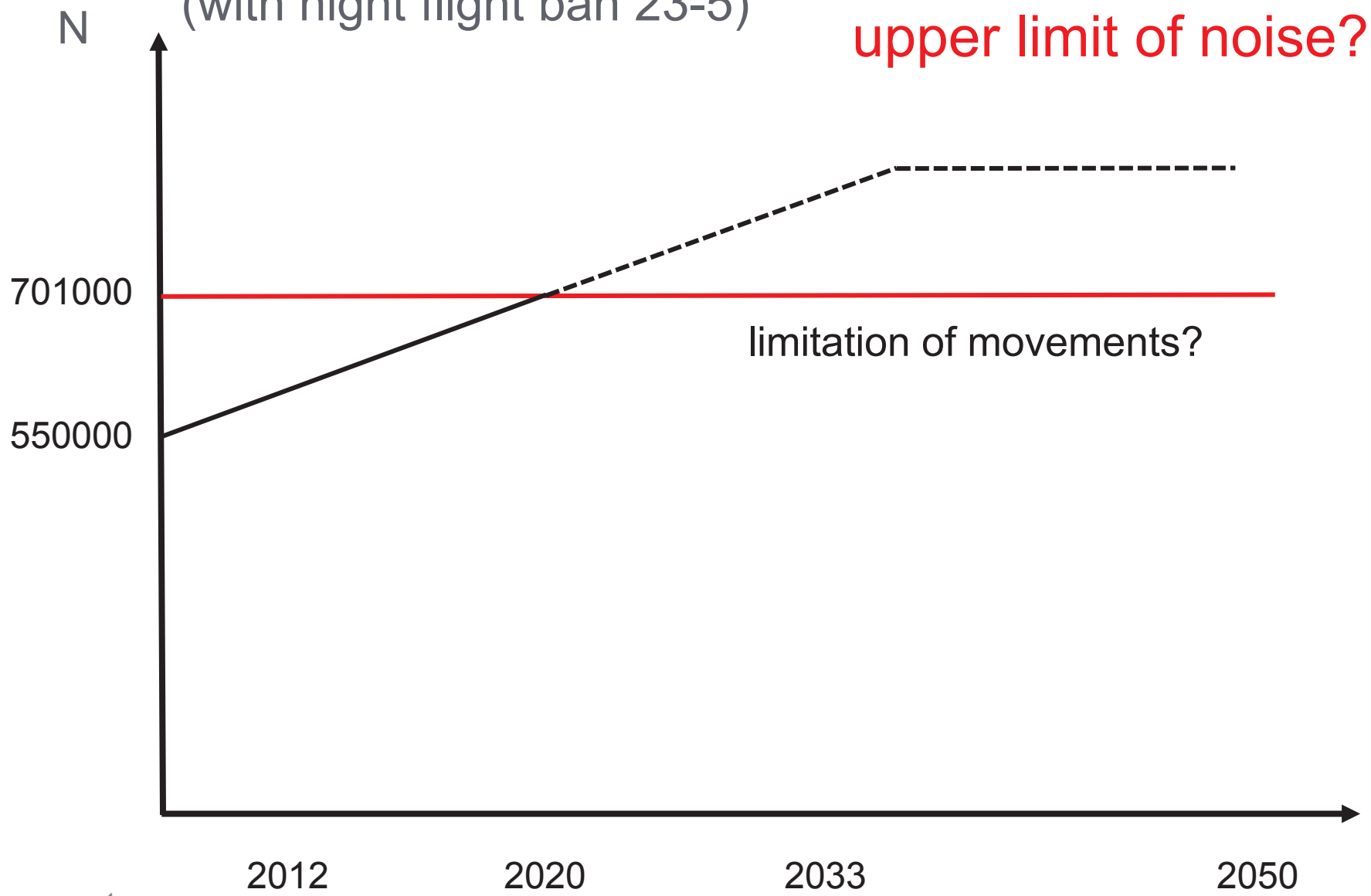
2013

Development of aircraft movements (with night flight ban 23-5)



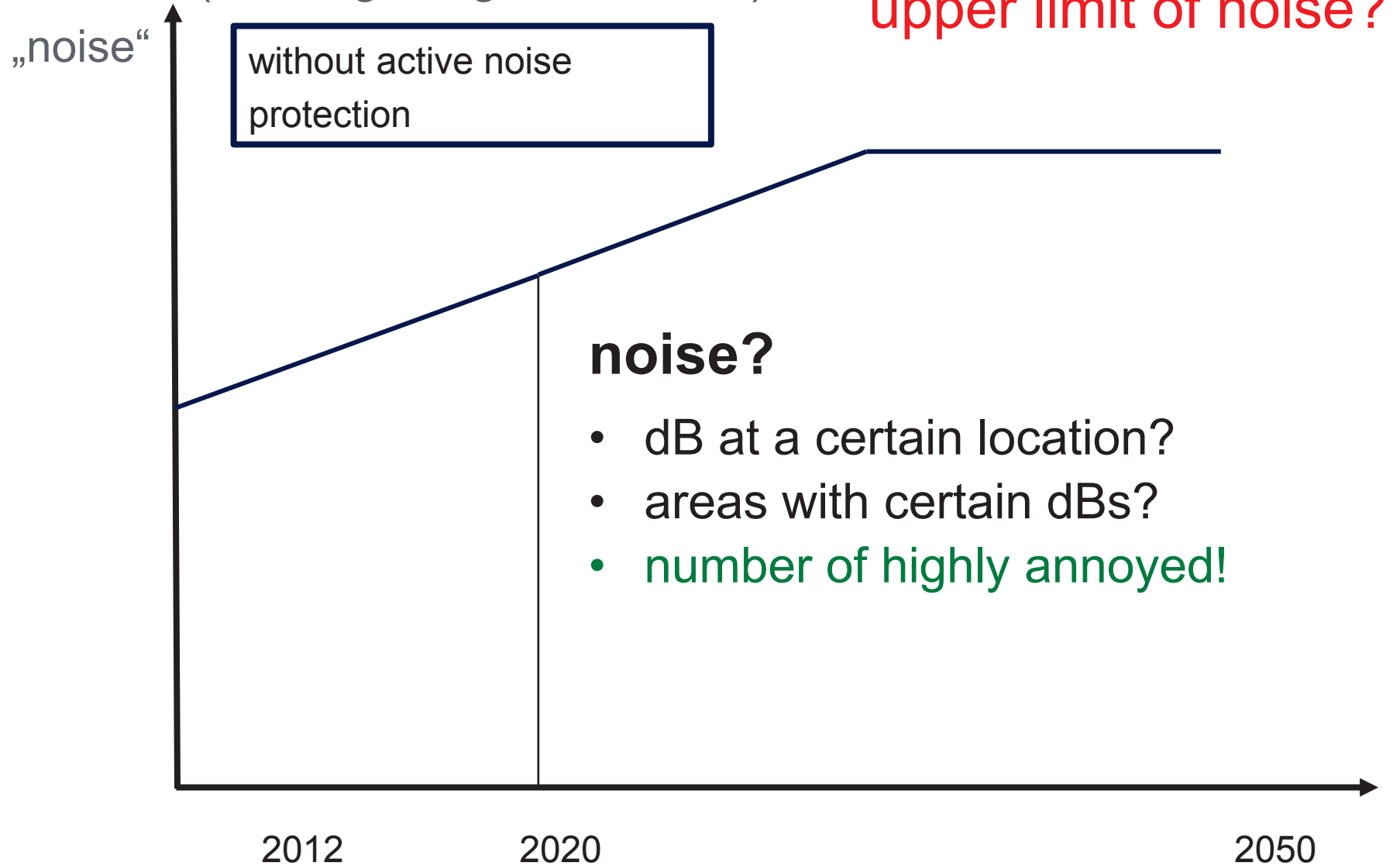
2013

Development of aircraft movements (with night flight ban 23-5)

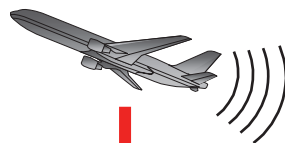


2013

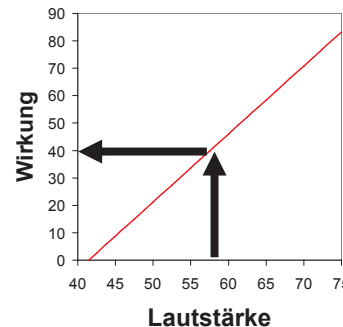
Development of aircraft noise (with night flight ban 23-5)



noise index



population density



FTI:
number highly
annoyed

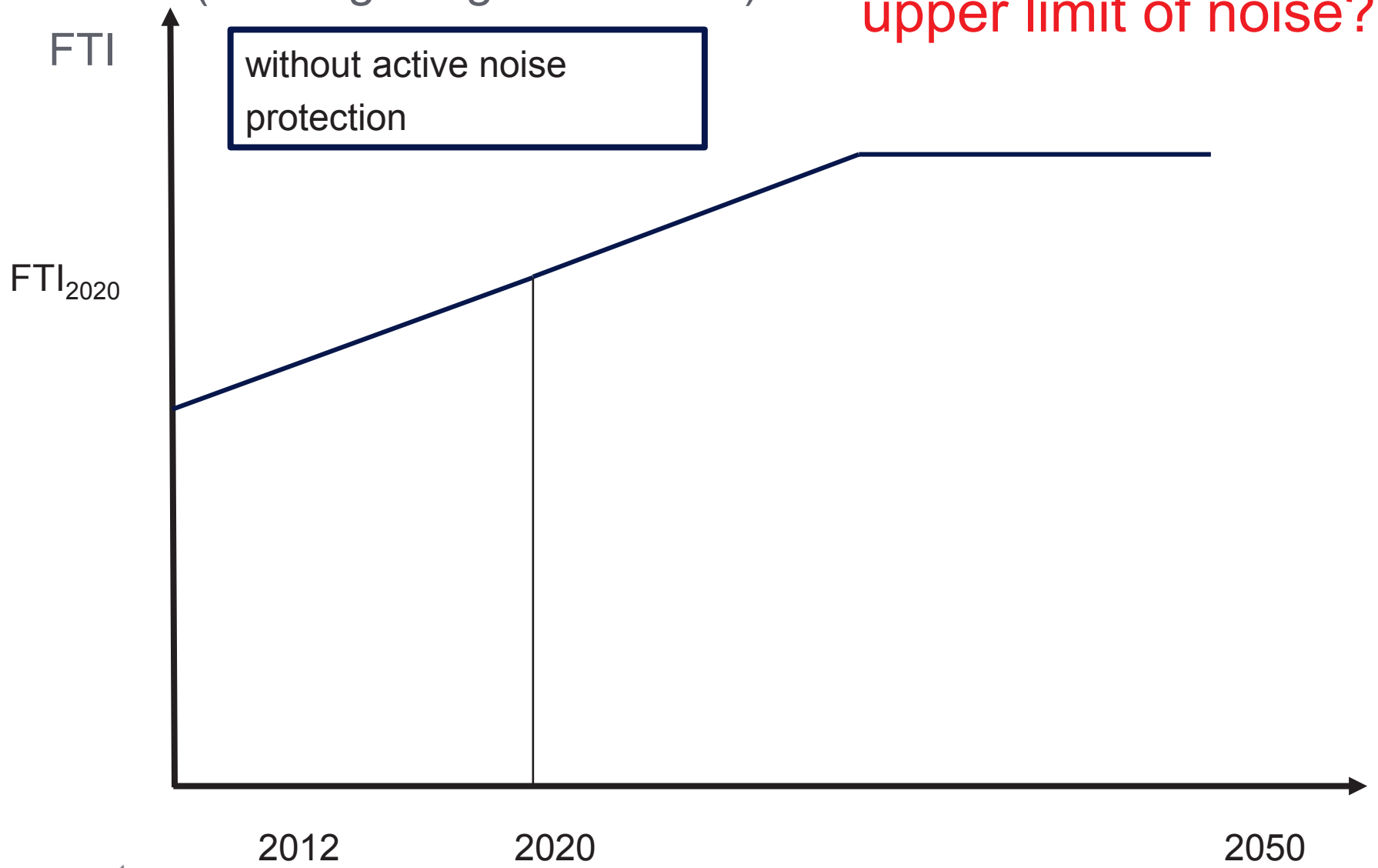
noise index

FNI
number additional
EEG-wake ups



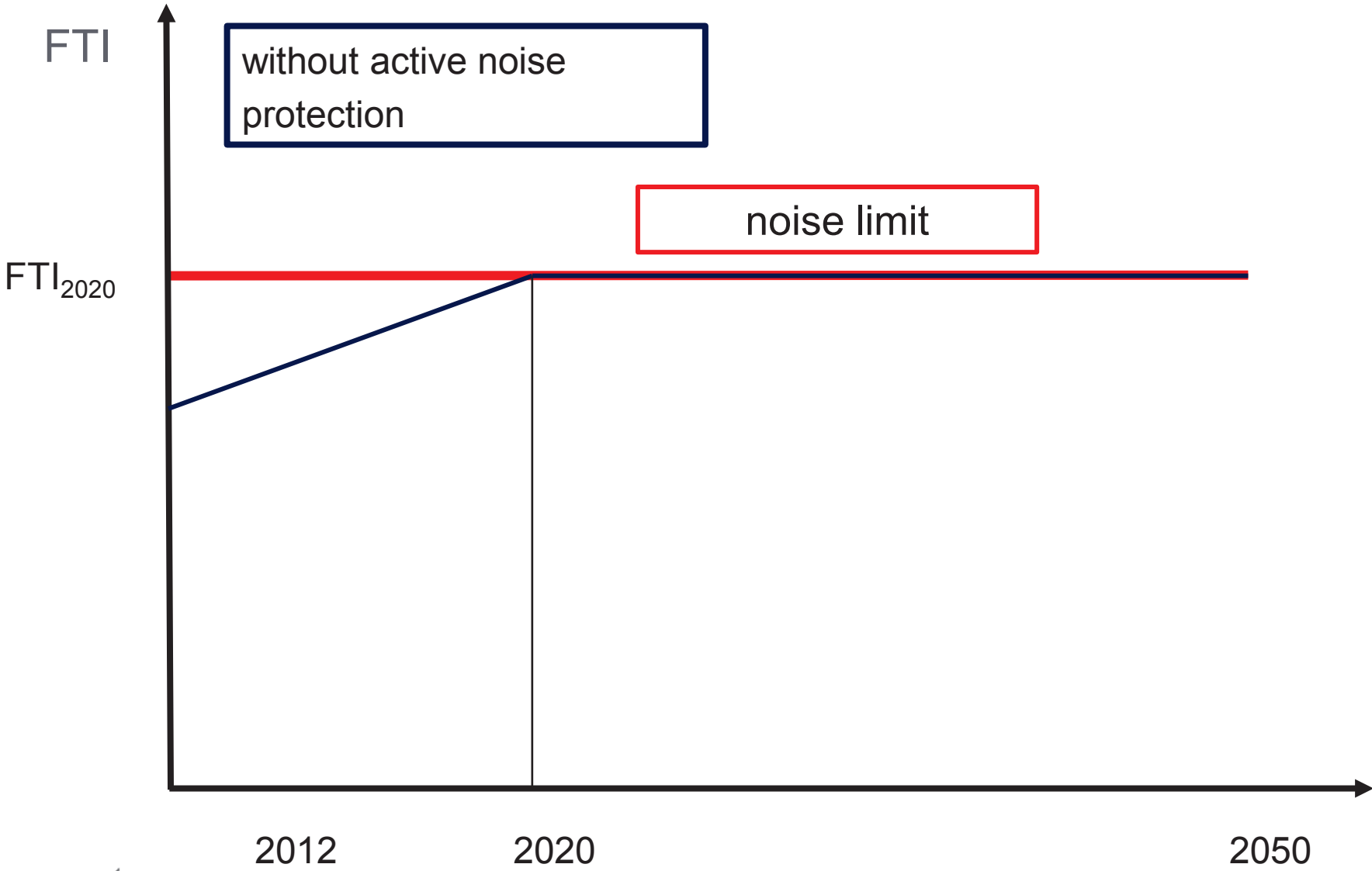
2013

Development of aircraft noise (with night flight ban 23-5)



2013

development noise index





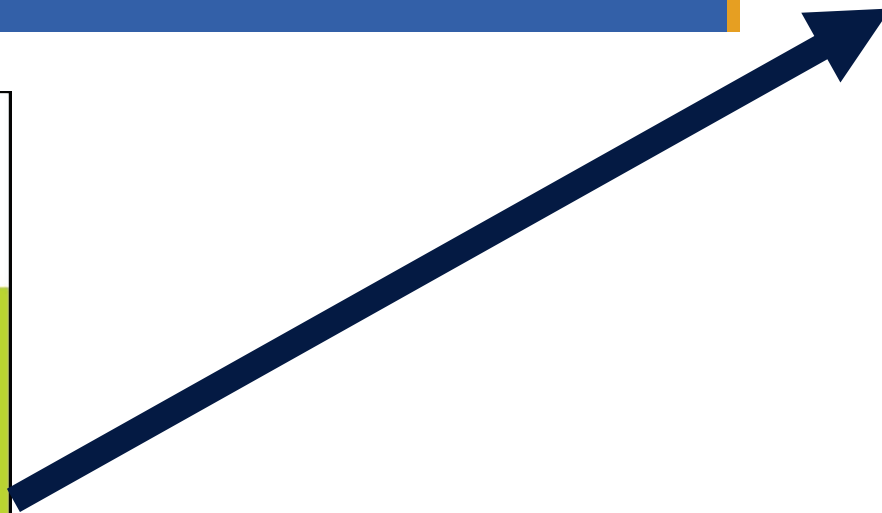
Bundesministerium
für Wirtschaft
und Technologie

National Aviation-Strategy



ACARE

Strategic Research and Innovation Agenda (SRIA)



2013



perceived
noise

100 %

ACARE / SRIA / Flightpath 2050
The perceived noise emission of flying aircraft is reduced by 65%. These are relative to the capabilities of typical new aircraft in 2000.

35 %

2000

2050



2013

development noise index

