



Bundesnetzagentur



Dynamic Spectrum Access Where do we go?

Bundesnetzagentur

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Article 2 Definitions (26)

'shared use of radio spectrum' means access by **two or more users** to use the **same radio spectrum** bands under a **defined sharing arrangement**, authorised on the basis of a **general authorisation, individual rights** of use for radio spectrum or a **combination thereof**, including **regulatory approaches** such as licensed shared access aiming to **facilitate the shared use** of a radio spectrum band, subject to a **binding agreement of all parties** involved, in accordance with **sharing rules** as **included** in their **rights of use** for radio spectrum in order to guarantee to all users **predictable and reliable sharing arrangements**, and without prejudice to the application of **competition law**;

Individual Licensing

General Authorisation

LSA

Listen Before Talk

Detect and Avoid

eLSA

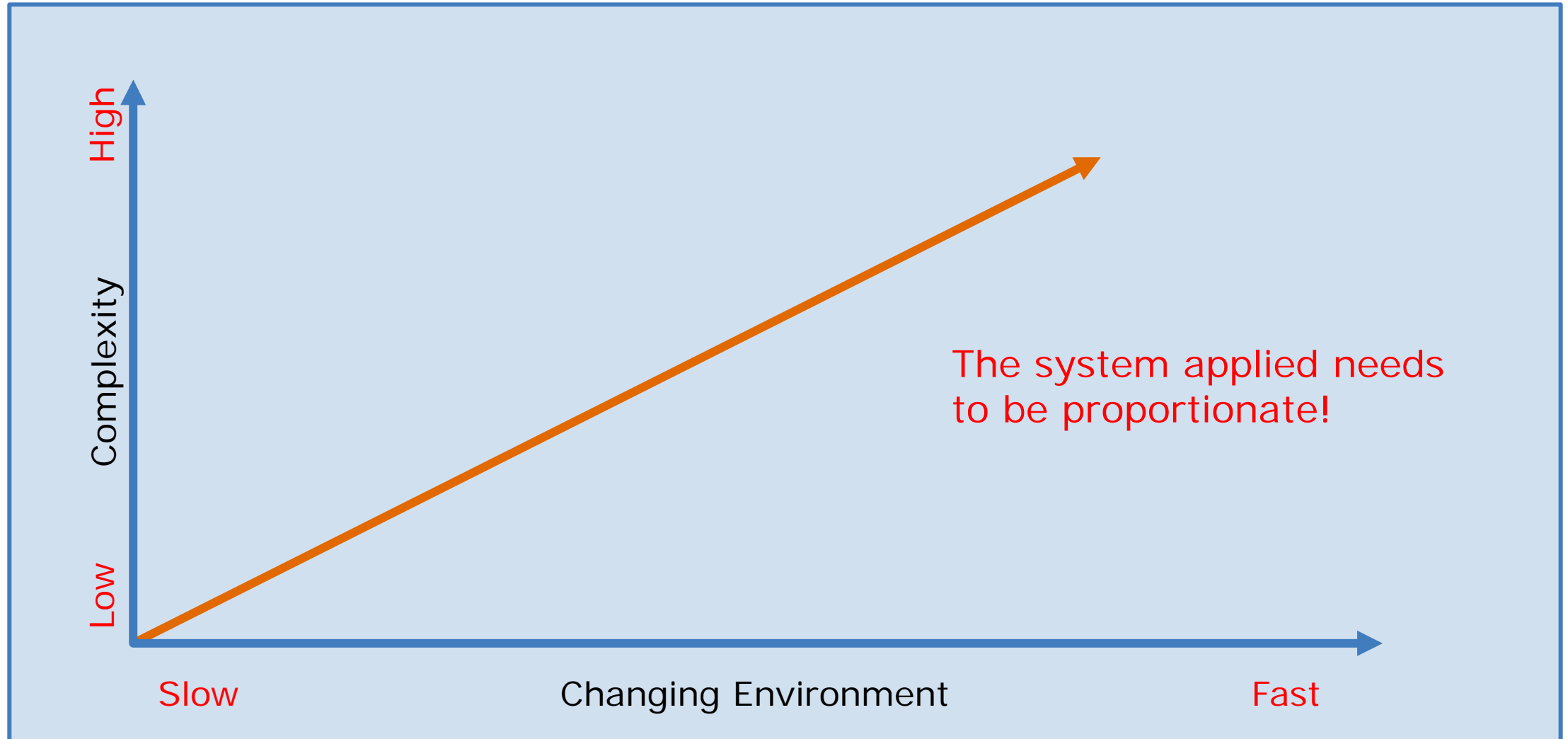
Light Licensing

CBRS

to be continued.....



- To grant (faster) access to bands already used (sharing is not new!)
- Based on available technological capabilities (timeline)
- To care for ever increasing demand and applications
- To avoid harmful interference
- To ease administrative burden
- Tailored to specific demands and incumbent services
- Balancing demand and implementation costs
- Dynamic Spectrum Access is not a goal by its own but a mean!





- Confidence¹
 - in the sharing system by both incumbents and entrants
 - in investment security and stability
 - in market surveillance and monitoring

- Open structures?
 - Data exchange formats?
 - Technology Neutrality for dynamic access systems?

¹ Reminder: EECC Definition 26: ...binding agreement of all parties...



- Radio Spectrum Policy Group finished public consultation on
 - Draft RSPG Opinion on a Radio Spectrum Policy Programme (RSPP)
 - Draft RSPG Opinion on Spectrum Sharing – Pioneer initiatives and bands
 - Draft RSPG Opinion Additional spectrum needs and guidance on the fast rollout of future wireless broadband networks

Final approval foreseen at next meeting 16th June 2021.



New spectrum for RLAN, available in 2021 (5.945 MHz – 6.425 MHz)

- The European regulatory framework for 6 GHz Wifi is ready
 - ECC Decision (20)01 is approved
 - EU Implementing Decision should be published soon
- Available spectrum for Wifi will almost double in Europe
- Straight forward and equal regulatory conditions in the whole band
- Low Power Indoor (LPI) and Very Low Power (VLP) indoor and outdoor devices
- Finally available after implementation on national level
 - Germany will implement the decision latest in the 3Q 21
- In addition modifications to 5 GHz RLAN CEPT Regulations to be approved in July 21

What's next?

Within CEPT work on RLAN almost finished (incl. 5 GHz)



Thank you for your attention!

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