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Fairspectrum



Geolocation databases

Dawn of a new era in spectrum management

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**The licenses given out today determine
the spectrum sharing possibilities of
tomorrow**



Outline

- How geolocation based licensing compares to conventional licensing models?
- What is required from incumbents and licensees to enable geolocation?
- When geolocation can help?
- Why and how geolocation should be taken into account also in coming exclusive licenses?



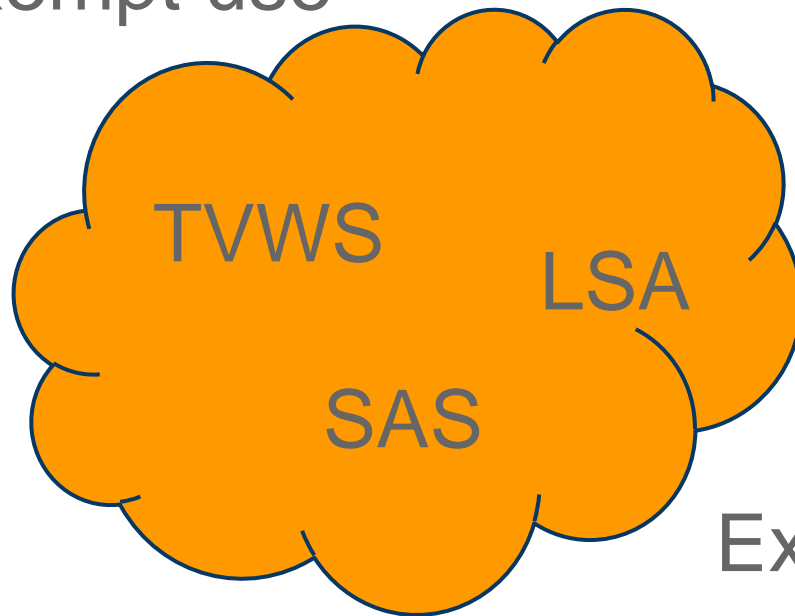
Geolocation as a regulative tool

Infrastructure investments



Static sharing

License exempt use



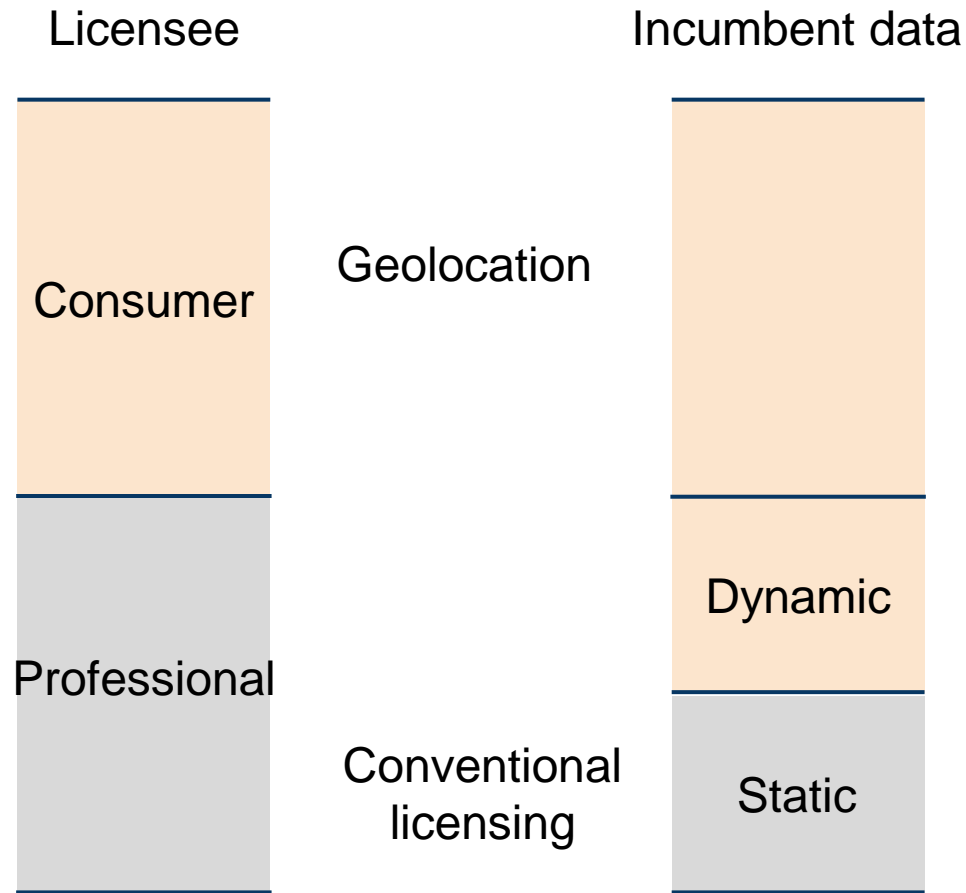
Exclusive licenses



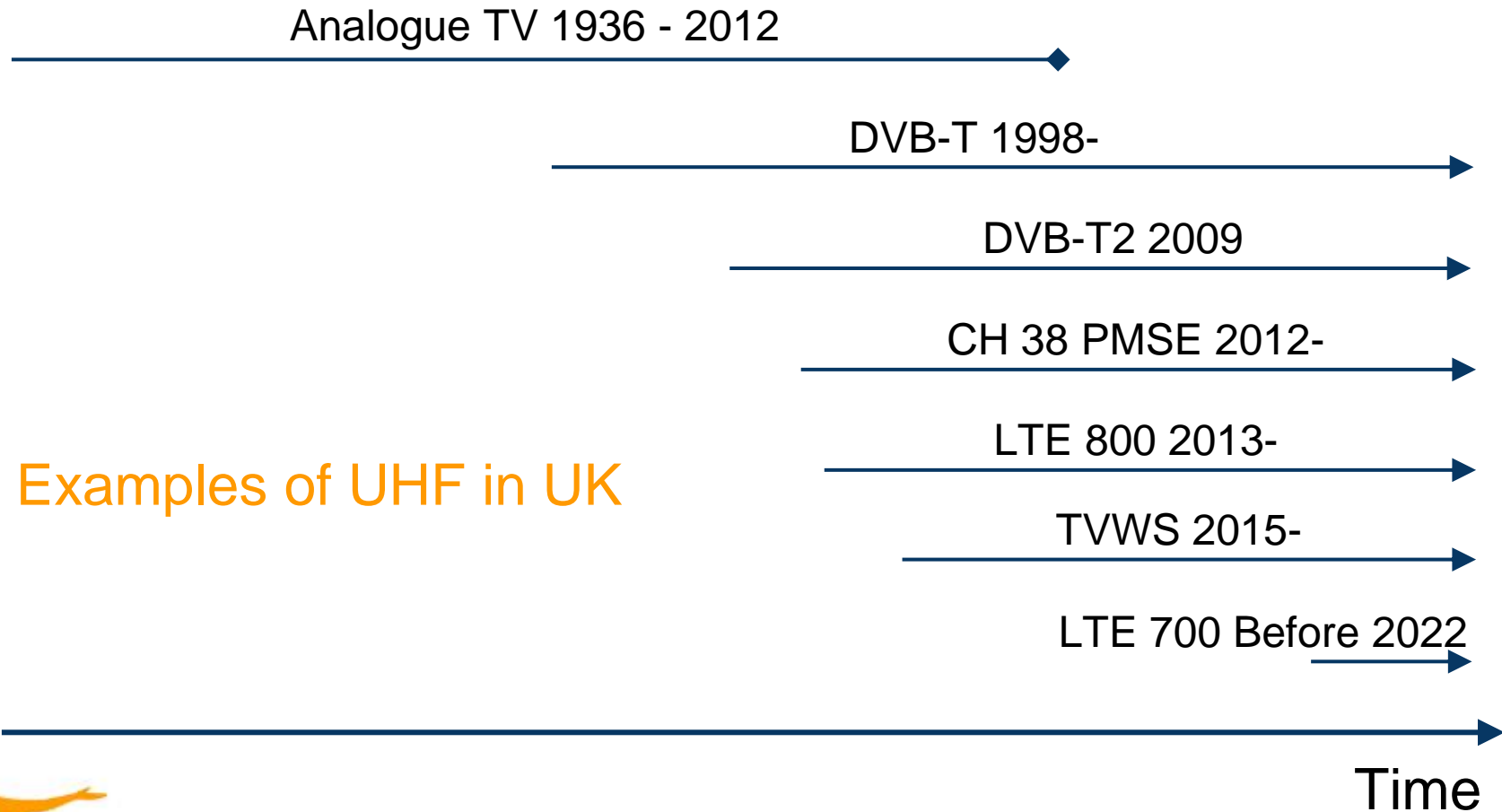
Reporting Incumbents and Flexible Licensees



When geolocation can help?



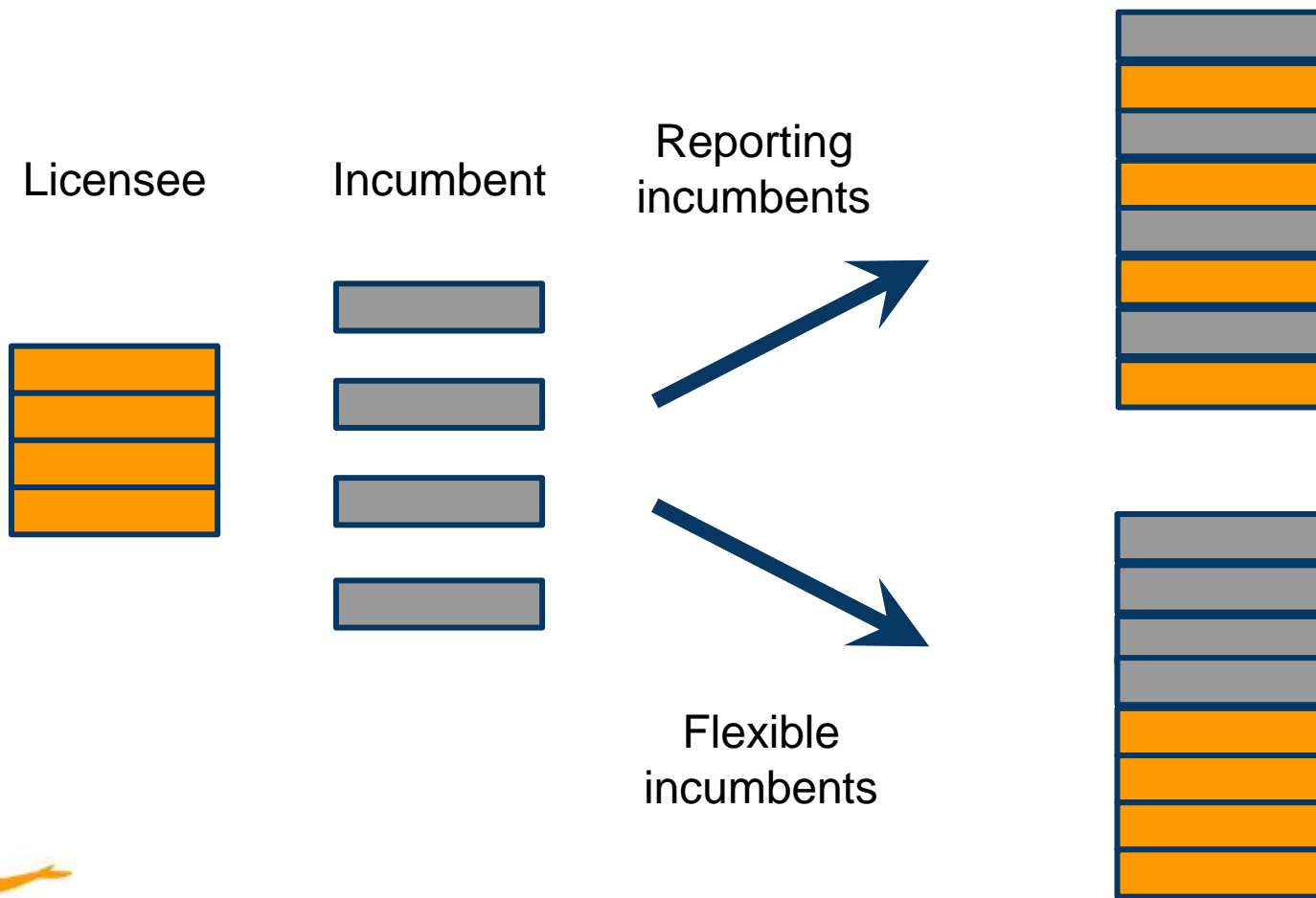
Current licensees are future incumbents



Examples of UHF in UK



Reporting allows geolocation, flexibility with geolocation is future proof



When giving out licenses now and in future

- How can license after-sales market be made more dynamic?
- Could exclusive licenses already today contain a requirement for reporting and flexibility
- Could license applicants of solely exclusive licenses get shorter licenses?
- Could license applicants with Incumbent reporting and Incumbent flexibility get longer licenses with lower cost?



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