




HBB

4all

Connected TV Accessibility

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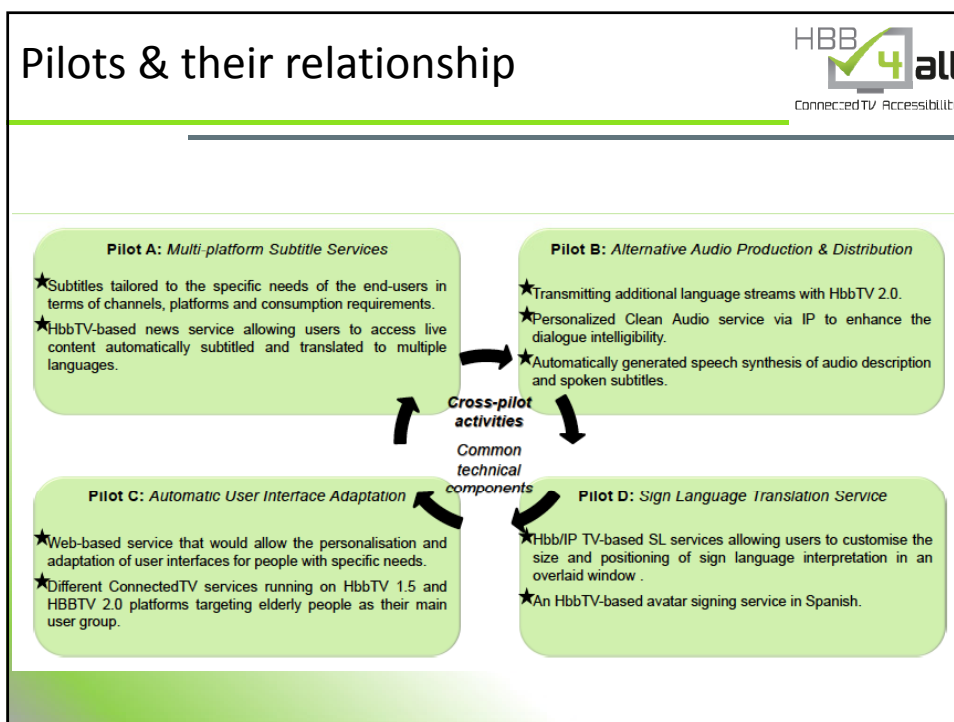
Access Services




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- Subtitling
- Same Language subtitling/captioning
- Spoken subtitles/captions
  
- Audio description
- Audio description + spoken subtitles/captions
  
- Clean Audio + all above services
  
- Sign Language
  
- Technology access in general: user interaction

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## Standardisation



- Access services: examples
  - Best second device to read
  - No. characters per line in subtitles
  - Best font to read on screen


Report back to EU Broadcasting Union on HbbTV2.0 deployment

Example

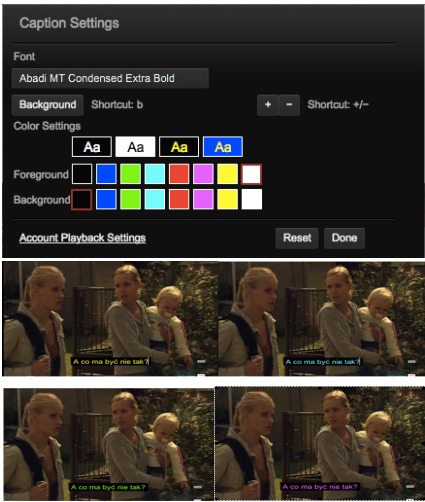
- Double decoder
- Multiple text

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## User interaction: subtitle format



The legibility of subtitles depends on issues such as font, size, colour and effects like boxing and edging



Caption Settings

Font  
Abadi MT Condensed Extra Bold

Background Shortcut: b + - Shortcut: +/-

Color Settings

Foreground [Color Swatches]


Background [Color Swatches]

Account Playback Settings [Reset] [Done]

[Video Preview]

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## Request for IEC




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- Anybody would like us to perform tests?
- Anybody would like to lend us their systems to test them?
- Any information re. connected /Smart TV and access services

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## Request for IEC



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- <http://www.hbb4all.eu/> Project Website
- <http://www.hbb4all.eu/deliverables/> Deliverables
- <http://www.hbb4all.eu/publications/> Publications

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# Thank you

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