IEEE 802 and Ethernet's Future

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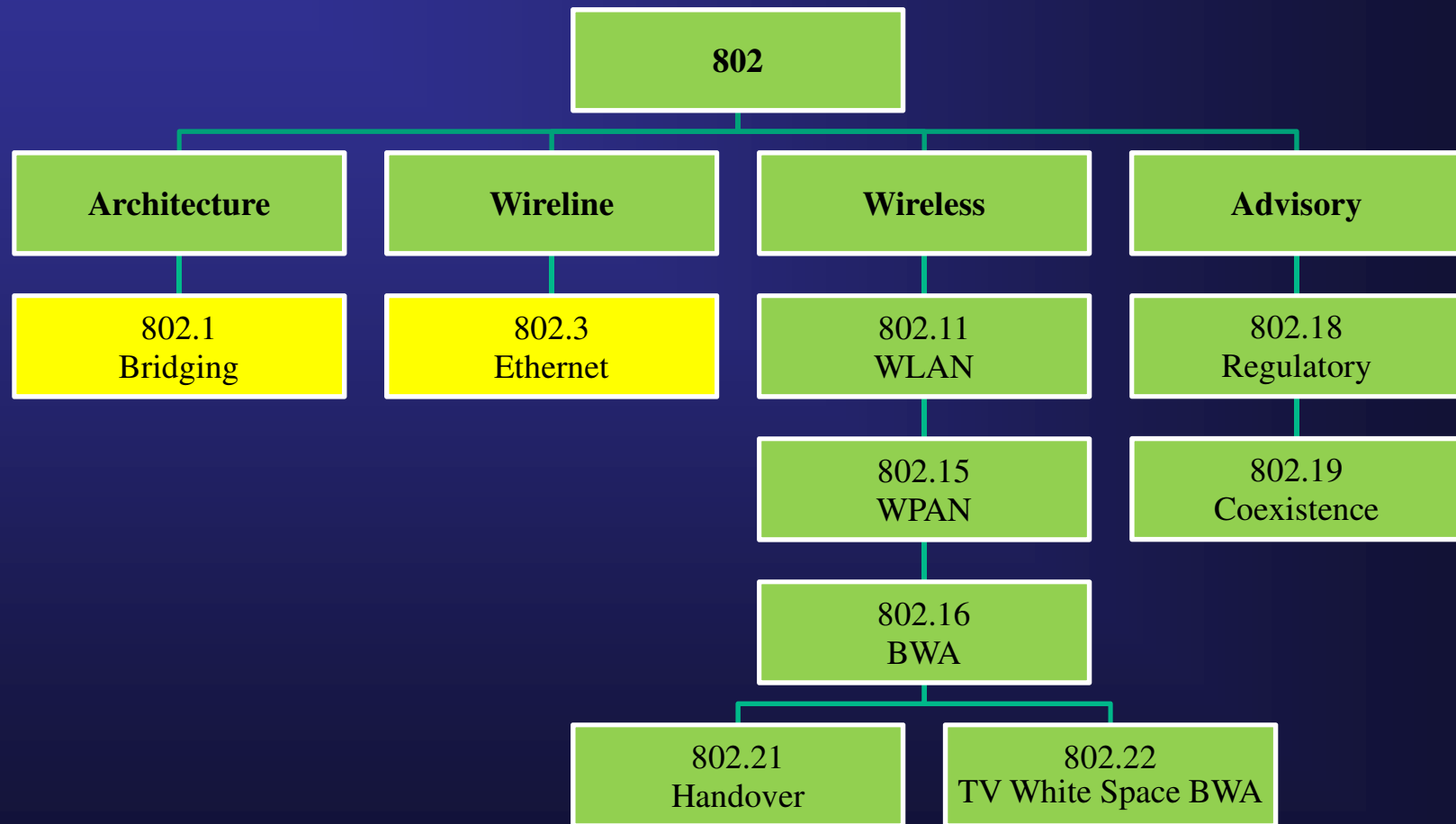
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Objectives

➤ Provide a little background on 802

➤ Traditionally 802 Stds Developers are not well connected to the End Users

➤ This TEF is Great opportunity for End Users and the 802.3 Ethernet community to interact

  ➤ Encourage end users to participate in 802

  ➤ Desired Result-- Reduced Time To Market

IEEE 802 LMSC Organization

What are 802 Strengths?

➢ Forging Consensus

➢ Focus on Interoperable Building Blocks

➢ Flexibility for Vendors and End Users

➢ Fantastic Quality: hyper-peer review

What are some 802 weaknesses?

➢ High barrier to entry for members

➢ Lengthy Process

➢ Inadequate End User participation

802 and the Future of Ethernet

- ➤ Better Links
    - ➤ Speed: Faster, easier, lower cost
    - ➤ Determinism: Quality of Service guarantees
    - ➤ More: energy efficiency, power delivery
    - ➤ Smaller: copper connector
- ➤ Better support for target market sectors
    - ➤ Broadband Access: more capacity & endpoints
    - ➤ Automotive/Industrial
    - ➤ Data Center/Cloud
    - ➤ others

Accelerating the process

➢ Insert diagram here

Conclusion

➢ Please participate in 802