

MP20 Workshop, Co-located with the 116th MPEG Meeting

Industry Meets MPEG

MPEG 116 – 19 Oct '16 - Chengdu

Workshop Outline

- Welcome!
- Introduction to Roadmap
- Input and feedback from MPEG's customers
- Discussion
- Conclusions

Workshop Objectives

- **Invite** traditional, non-traditional and disruptive industry representatives to MPEG
- Inform industry of MPEG's **strategic intentions**
- **Collect feedback** from industry
- Identify **needs for standards**
- Goal: enable large **markets to flourish** through MPEG standards

Program

13:00	<i>Opening Address</i>	Leonardo Chiariglione, Convenor, MPEG
13:10	<i>MP20 Roadmap</i>	Rob Koenen; José Roberto Alvarez, MPEG Vision Ad Hoc Group
13:25	<i>AVS related Standards and Testing</i>	Dr. Wenhui Dong, SARFT
13:50	<i>Current Status and Prospect of K-UHD with New Media Services</i>	Dr. Chieteuk Ahn, ETRI
14:15	<i>8K broadcasting toward Tokyo Olympics</i>	Mr. Yuji Yamana, NHK
14:40	Break	
15:00	<i>Future of Video Evolution</i>	Mr. Toshiyuki Ogura, Sony Corporation
15:25	<i>Future Media Network in the 5G Era</i>	Prof. Wenjun Zhang, Shanghai Jiao Tong University
15:50	<i>Emerging Markets, Specialized Standards</i>	Mr. Wenfei Jiang, Alibaba Cloud
16:15	Break	
16:30	<i>Virtual Reality—A new way of entertainment.</i>	Mr. Wenbo Sun, LetinVR Digital Technology Company
16:55	<i>Virtual Reality: The New Era of the Future World</i>	Mr. Raymond Pao, HTC
17:20	<i>Discussion</i>	End around 18:00

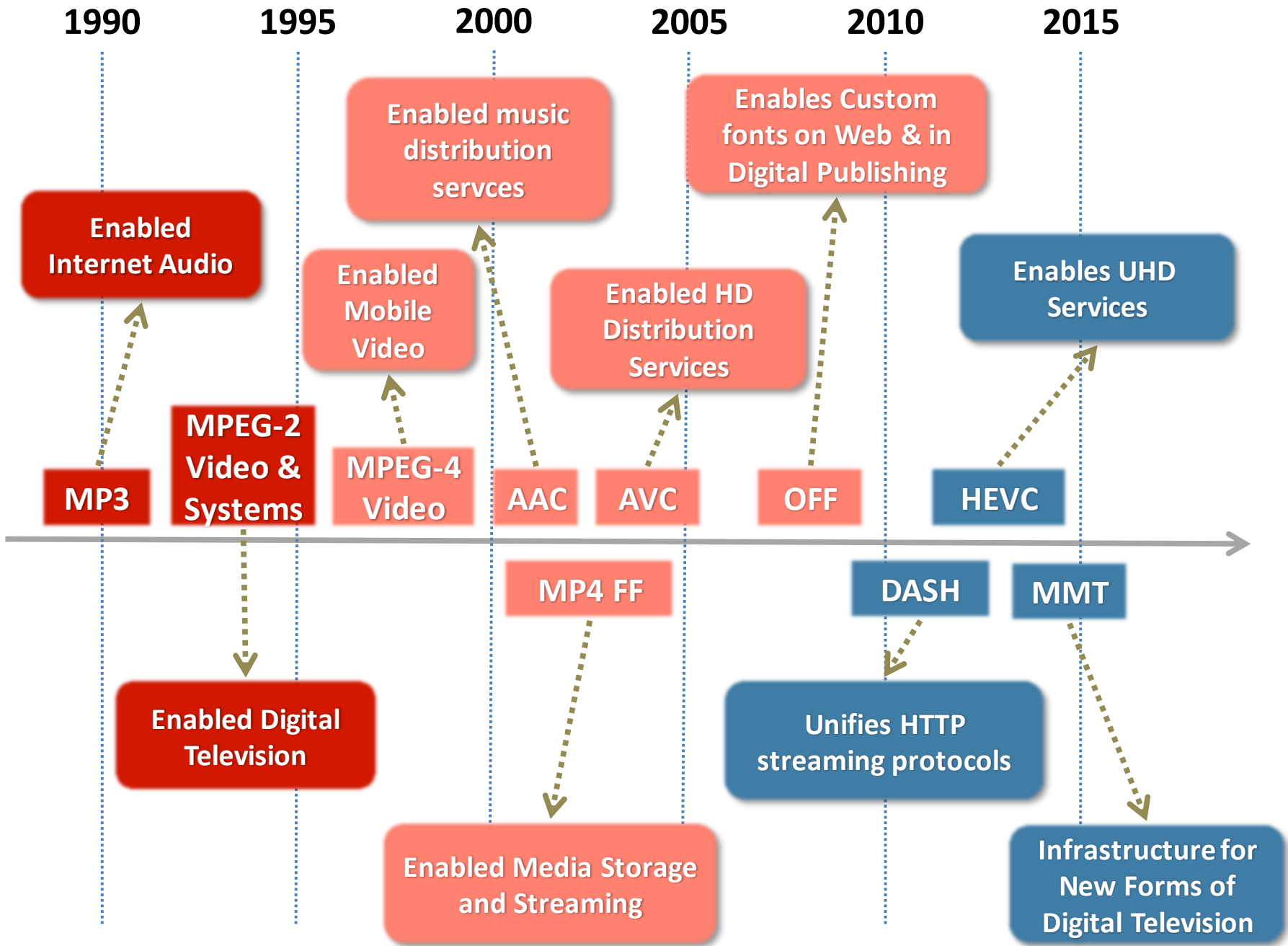
MP20 Standardisation Roadmap

Why a Standardisation Roadmap?

- MPEG has created, and is still producing, media standards that enable **huge markets to flourish**
- MPEG works on **requirements from industry**
- Many industries represented in MPEG, but not all of **MPEG's customers** can or need to participate in the process
- MPEG wants to inform its customers about its **long-term plans** (~ 5 years out)
- ... and **collect feedback and requirements** from these customers
- ... including in this session

What is in the Roadmap

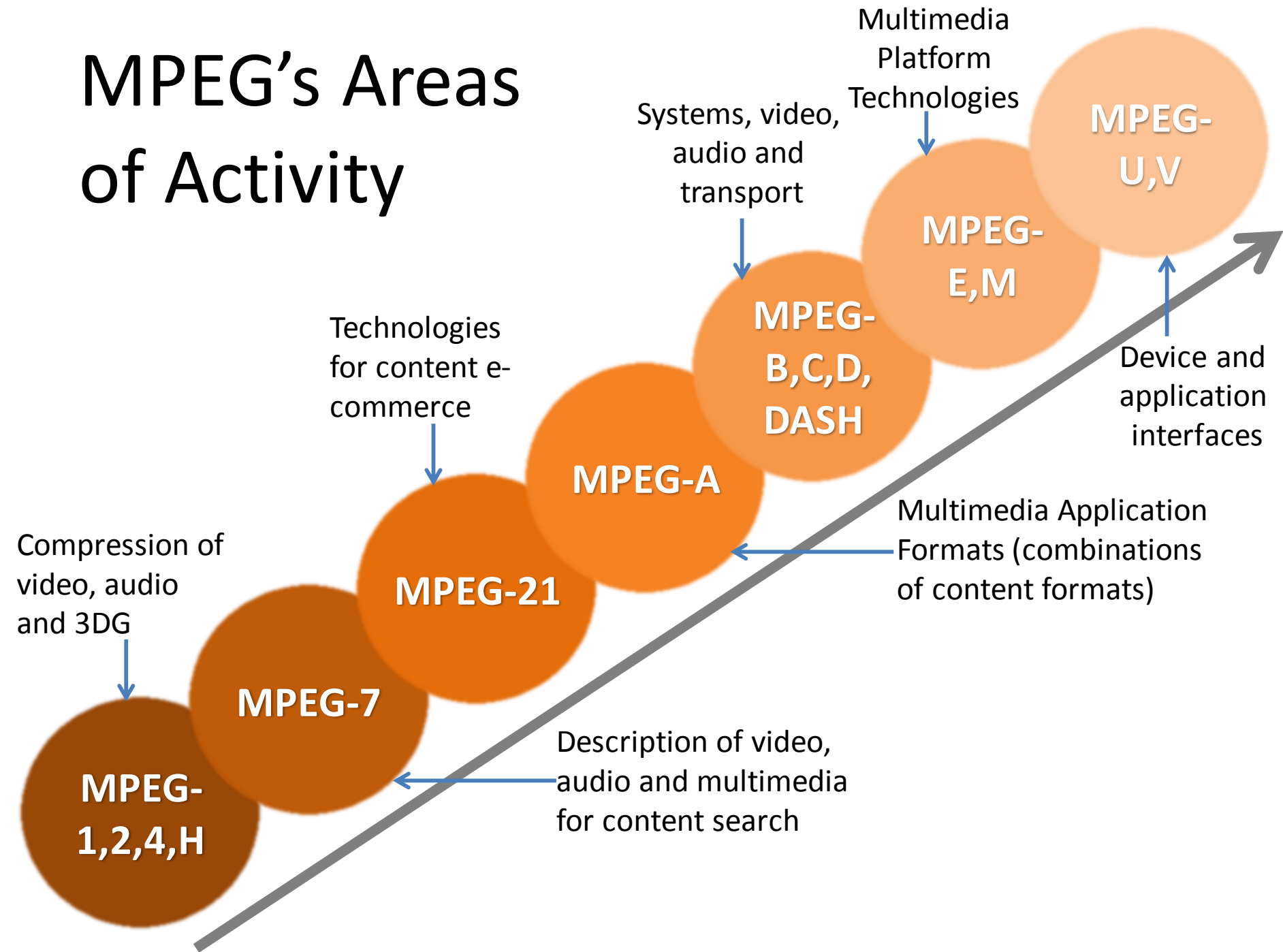
- Our roadmap is a short document.
- It briefly outlines MPEG's most important standards



What is in the Roadmap

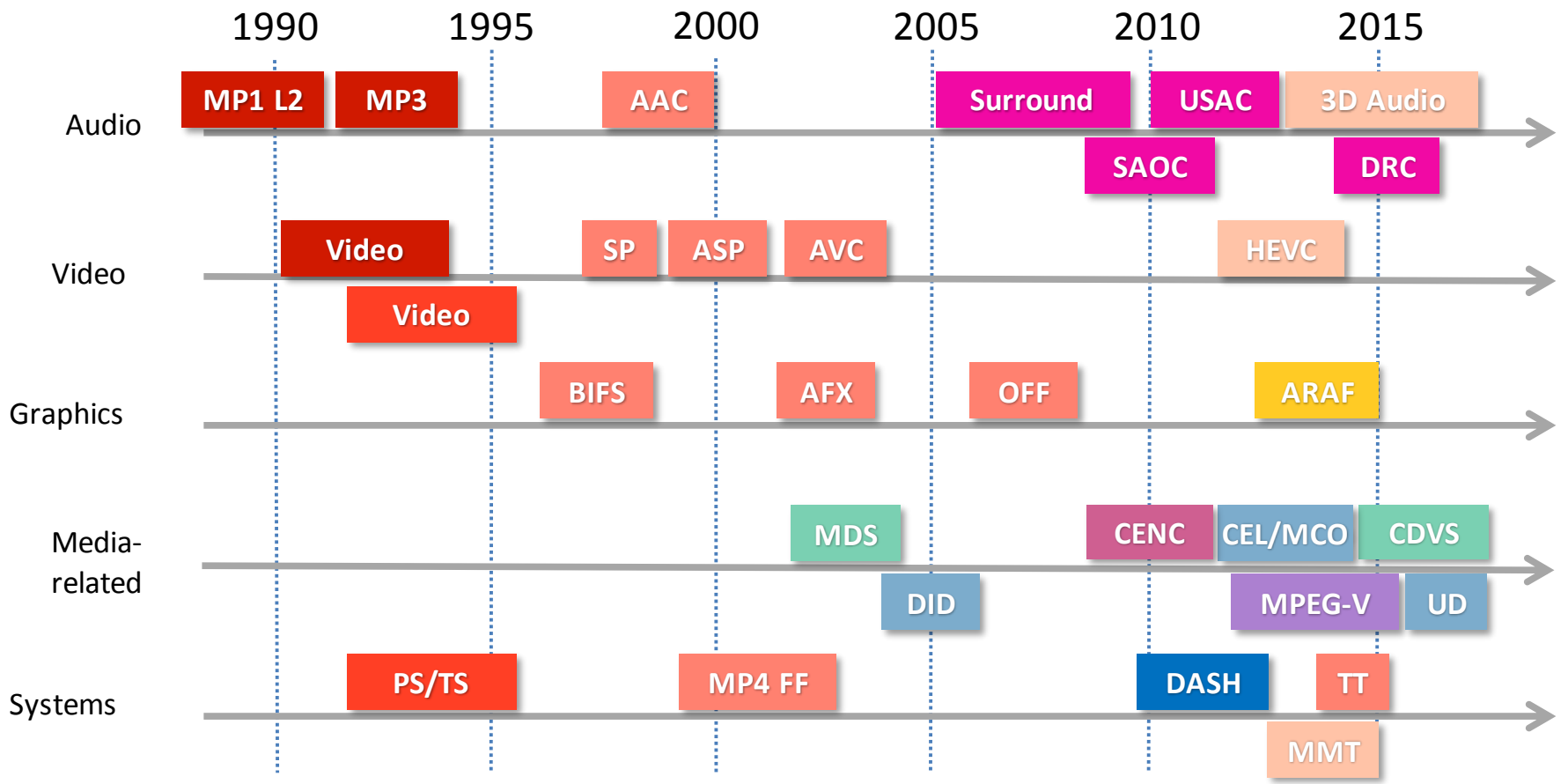
- Our roadmap is a short document.
- It briefly outlines MPEG's most important standards
- It then gives an overview of the areas of MPEG's activities

MPEG's Areas of Activity



What is in the Roadmap

- Our roadmap is a short document.
- It briefly outlines MPEG's most important standards
- ... it then gives an overview of the areas of MPEG's activities
- ... and then an overview of all MPEG's standards

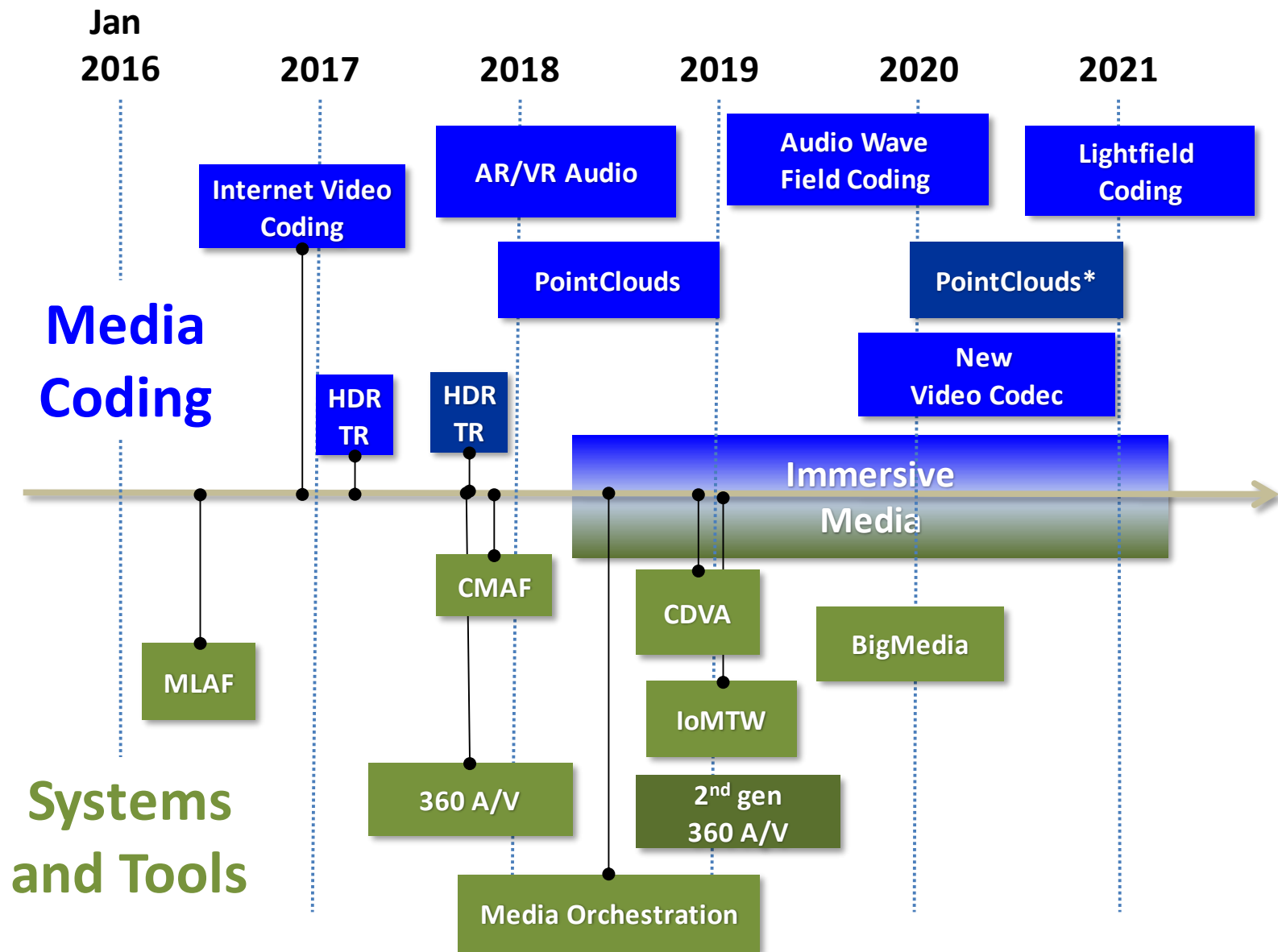


Colour coding



Significant Developments inform MPEG'S Roadmap

- The relentless increase of IP-distributed Media
- Mobile media, higher quality, more immersive formats (UHD, VR, AR)
- The Internet of Media Things & Wearables
- Big Media Data
- Cloud-based media processing, storage and delivery



Media Coding

Systems and Tools

Immersive Media

Questions to MPEG's Customers

- Which **needs** do you see **for media standardisation**, between now and years out?
- What MPEG standardisation **roadmap** would best meet your needs?
- To accommodate your use cases, what should **MPEG's priorities** be for the delivery of specific standards? For example, do you urgently need something that may enable basic functionality now, or can you wait for a more optimal solution to be released later?