

**Welcome to the 5th. NorDig TVA metadata one-day Workshop:  
“NorDig common EPG/Event exchange file format and Rights  
management cross networks and platforms”**

**Monday 16th. December 2019 from 10:00 to 16:00.**

**The workshop will be held at TDC premises in Copenhagen, Denmark.**

Address:

**TDC Group**

**Teglholmsgade 1,**

**0900 København C**

**Denmark**

**The NorDig TVA metadata Workshop have focus on technical implementation of the NorDig common EPG/Event metadata exchange format - NorDig TVA (TV-Anytime),** with practical examples, solutions and guidelines, and is a follow up on the workshop held in May 2019 at TV2 Norge in Bergen.

Program for the workshop includes, updated TVA specification with the NorDig proposals, distribution / making metadata available for distributors and others, export of metadata for SVOD on 3rd. party platforms, using NorDig TVA as basis for audience measurement and presentation of ongoing implementation projects at TDC, TV2 Norge and DR.

**The NorDig Metadata specification 1.3. released October, 2019**

NorDig metadata specification and implementation guidelines was updated to v. 1.3 to follow the update of the TVAnytime specification and including Ondemand example file. The NorDig common EPG/Event metadata exchange format is based on the TV-Anytime specification latest version covering NorDig requirements and are meant for professional B2B use for all stakeholders in the distribution chain. A growing number of broadcasters, network operators and metadata providers have, or are in process with implementation of NorDig TVA.

**TV-Anytime specification new updates proposed by NorDig**

As part of the maintenance process the TVA specification was updated in July 2019 ETSI TS 102 822-3-1 V1.11.2 (2019-06), including correcting the cardinality of RightsInformation.Format and the Classification Schemas made by NorDig is changed from urn:tva to urn:nordig. For more info. see: <https://tech.ebu.ch/tvanytime>.

**Workshop program:**

- 1. Welcome and presentation / Peter Mølsted, Chairman.**  
The work in NorDig, maintenance of the NorDig specification and latest updates of the TVA specification.
- 2. Future maintenance of the TVAnytime specification / Jean-Pierre Evain, EBU**
- 3. NorDig TVA specifications and Guidelines / Randi Volle, NRK**  
Presentation of new example file for OnDemand, SVOD on 3rd. party platforms and review of the updated TVA specification with the NorDig proposals and presentation of updated NorDig Implementation package contains technical Guidelines for implementation of NorDig TVA. Presentation of NorDig program Genre list.
- 4. Audience measurement (tv monitoring) using NorDig TVA/ Are Tverberg**  
The TVOV project and audience measurement (tv monitoring) using NorDig TVA as basis for audience measurement across media platforms and devises, online and VOD.
- 5. DVB-I group working with TVA metadata standard / Randi Volle, NRK**  
Status on the work in the DVB-I group and some information about client/user interface and server dialog.
- 6. Lunch break.**
- 7. Implementation NorDig TVA as distributor / Ole Madsen, TDC**  
Presentation of TVA implementation, ingest system, data model and distribution.
- 8. Challenges for a metadata service provider / Daniel Rühmann, Simply tv**  
TVA for input metadata and delivery format and challenges in getting correct update metadata from the broadcasters.
- 9. NorDig TVA project and scope at DR / Mads Christensen, DR**  
Status of TVA implementation work, scope of the project and future.
- 10. Implementation of NorDig TVA at TV2 Norge / Are Tverberg, TV2 Norge**  
Status on TVA implementation work at TV2 Norge.
- 11. Questions, discussions and follow-up actions / all participants**

**NorDig EPG/Event metadata exchange format specification v.1.3**, including rights management and cross platform distribution, and covers EPG / Event program information both for Live and On Demand content, on all media platforms (broadcast TV, PC, mobile, Tablets, etc.) and distribution networks (DTT, Sat, internet, etc.).

With the specification the implementation package is updated.  
“Guidelines for implementation” including accompanying information and documents, and also includes “Guidelines for Last minutes update”, to help broadcasters and other content providers with implementation of “last minutes update” in their production chain and metadata delivering systems for live programs and “correcting” Catchup segmenting.

**NorDig metadata specification and Guidelines** are, as all other NorDig specifications, available and free to use for all interested, NorDig members or non-members on [www.nordig.org](http://www.nordig.org)

**Thank you to TDC for hosting this workshop.**

Kind regards,  
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