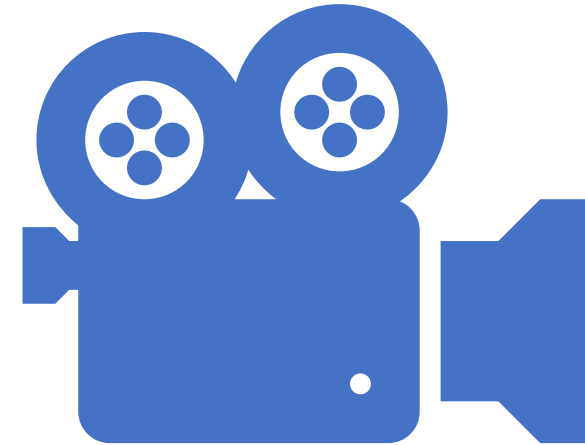




Possibilities and experiences with educational videos

Gustav S. Nyquist – Digital content producer at NDUC





Agenda for today



My background
Your background?



What do I do at NDUC?



Examples of video
productions



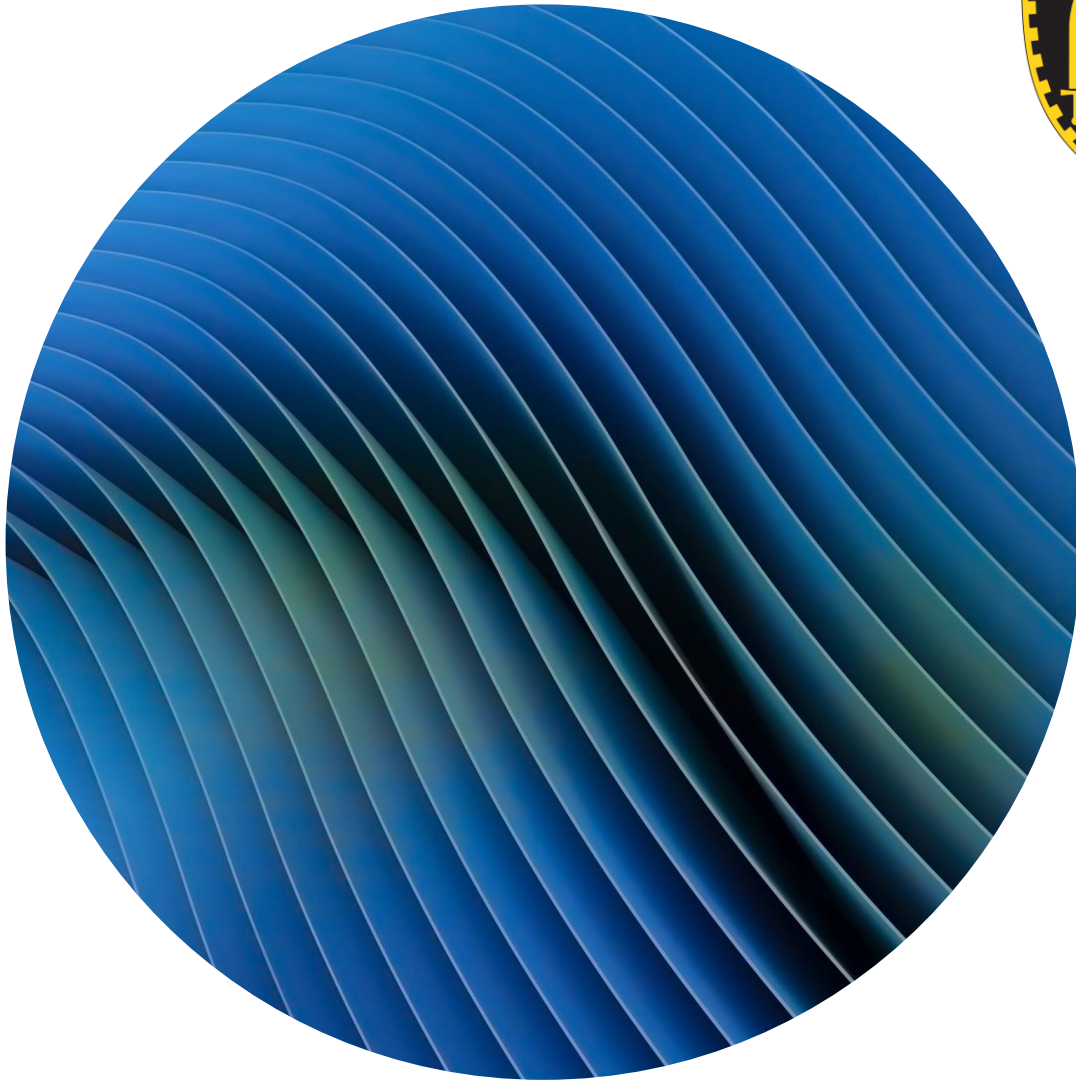
Why produce videos?



How to produce



Future perspectives- XR
project





My background

- **Education:**

Bachelor in media, ICT and design, (focus was photo and video prod)
1 year PPE – (media teacher,)
Master in journalism and documentary

- **Work experience:**

Worked with Photography since 2008. Worked with camera since 2011.
Video editing since 2013. Worked as mediateacher in jr. high- and
highschool and private courses in media and documentary production.
Previously worked with informationfilm both private and public sector
Started at NDUC spring 2018 -produced about 450 videos

- **Skillset for production:**

-Creativity, videography, video editing, light setting, sound editing, voice-acting



Your background?

- Are you decisionmakers?
- Teachers?
- Producers?



What do I do at NDUC?

- Advisor – Advice teachers on different media solutions, choosing the right options
- Producer – Technical and practical solutions, create media/video products
- Studio manager – Keep it nice and tidy, upgrade and investments. Assist other studios.



Examples of productions

- *Lectures*
- *Scenario training*
- *Interviews*
- *Dubbing*
- *Promotion/information*
- *Gameification*
- *Case studys*
- *Tutorials*





Hardware and software

- **3 cameras**, 4k but we film in 1080p. Has XLR mic outputs
- **XLR microphones**, handheld and shotgun, audiorecorder also
- **7 camera lights** in studio
- **Greenscreen and bluescreen**, grey neutral background aswell
- **Teleprompter**
- **Atem mini pro ISO**, media source switcher
- **Paid service: Premiere pro, Photoshop, Media Encoder, After Effects, Artlist.io**
- **Free program: OBS Studio, Freesound.org**



Example: Lecture in research ethics

Audience: Students and researchers

Technical: 1. cam 1. mic 2. presenters.



Example: NODEFIC Scenario training in logistics
Audience: Students
Technical: PPT Slideshow and audio recording device.



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Introduksjon til scenario Floorshow - 2023





Example: Recording for EADL Followed up by live Q&A.
Audience: Teachers and pedagogs, 70 ppl on live session
Technical: 2 cameras, 3 mic, 4 people in conversation.





Example: Dubbing cold weather video for Ukraine.

Audience: Ukrainian military

Technical: Translate script eng to ukr. New voiceover and music.



Example: Book promotion

Audience: Youtube and in-house

Technical: *2 cam 2 mic on location. Audio-recording in studio also.*

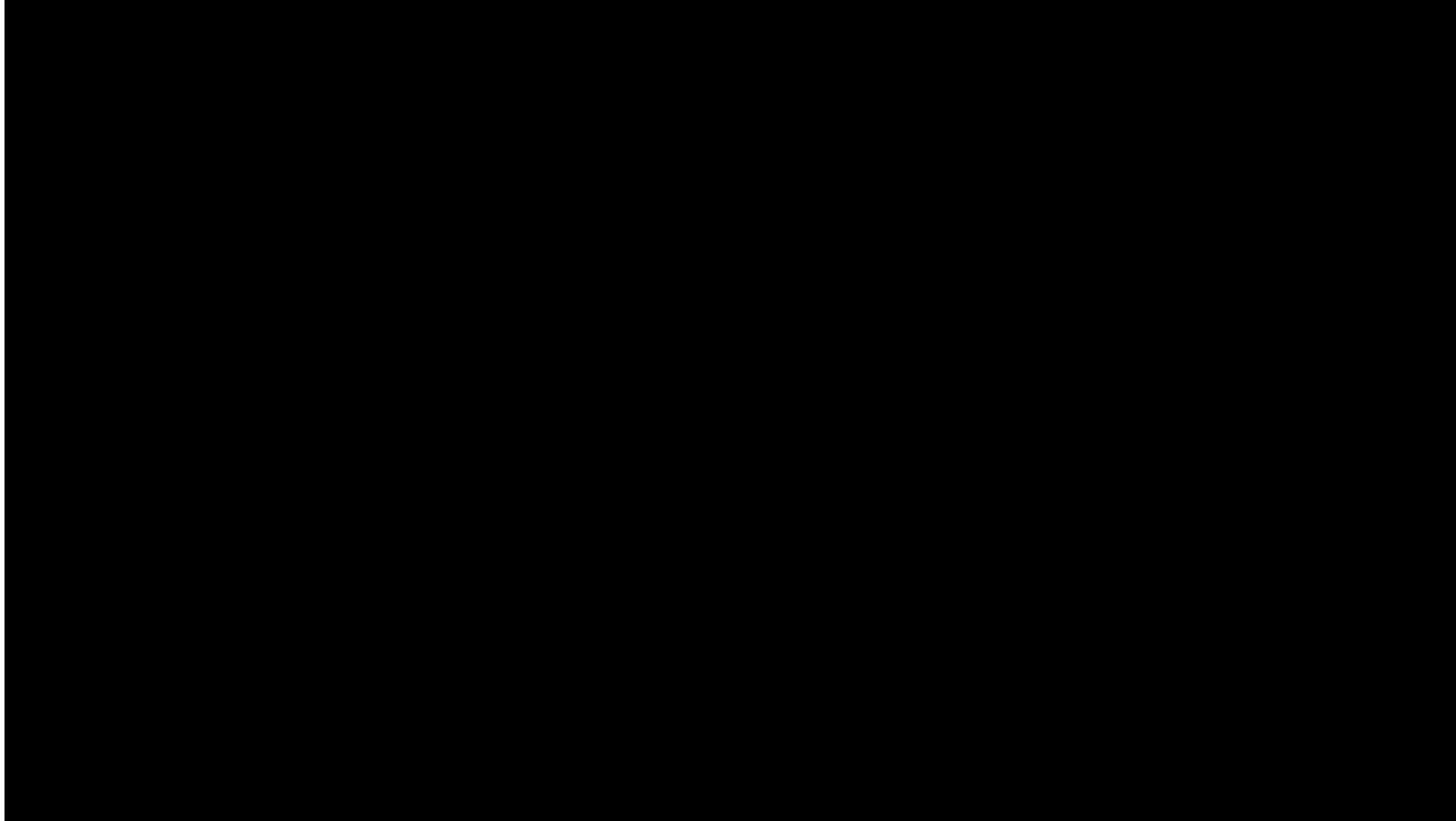




Example: Tutorial for videorecording in microsoft stream.

Audience: Teachers and courseholders

Technical: Rec with OBS studio, audio recordings afterwards.



Example: Interview training

Audience: Psychologists and selectors

Technical: 3 cam 2 mic



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Example: Gamification, tactical scenario

Audience: Digital defence seminar during covid

Technical: *Gave advice what to film and only edited*



Example: Case: Teamwork and leadership getting from point A to B
with woodplanks

Audience: Students

Technical: 7 people + 1 instructor, 2 cameras, 4 mics



Example: Internal/external information video
Audience: Ukrainian ADL Conference/ NDUC
Technical: Studio recording, 1 cam 1 mic

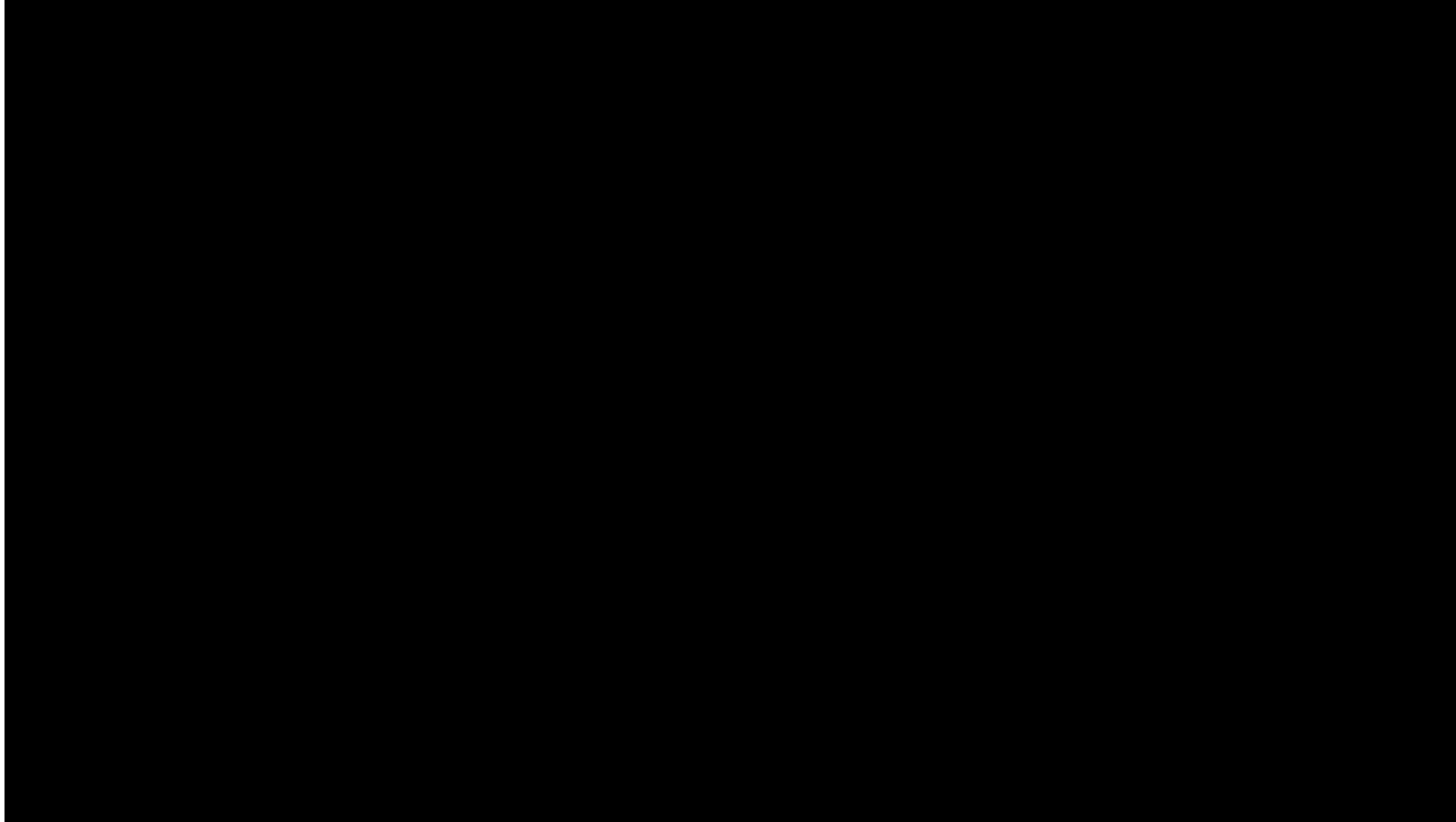


**Norwegian Defence
University College**

Example: Instructional video, library: *how to find books in shelves, logging into our service, finding book online*

Audience: *Students and employees*

Technical: *1 Cam, 1 Mic, Screen recording, voiceover*










Example: Technical instructional video: *Vehicle inspection and writing report*

Audience: *Online international students, NATO allies and partners
1000 people since 2020 on NODEFIC online courses*


Technical: *Filming on location and in studio, 1 cam, 1 mic*



Introduction to the NODEFIC Interactive Decision-making training



The items or activities you just have requested to inspect are either present in correct conditions or works perfectly without any more necessary comments.



Are there any other items or activities you want to inspect, or are you ready to write your report?



Why we produce videos:

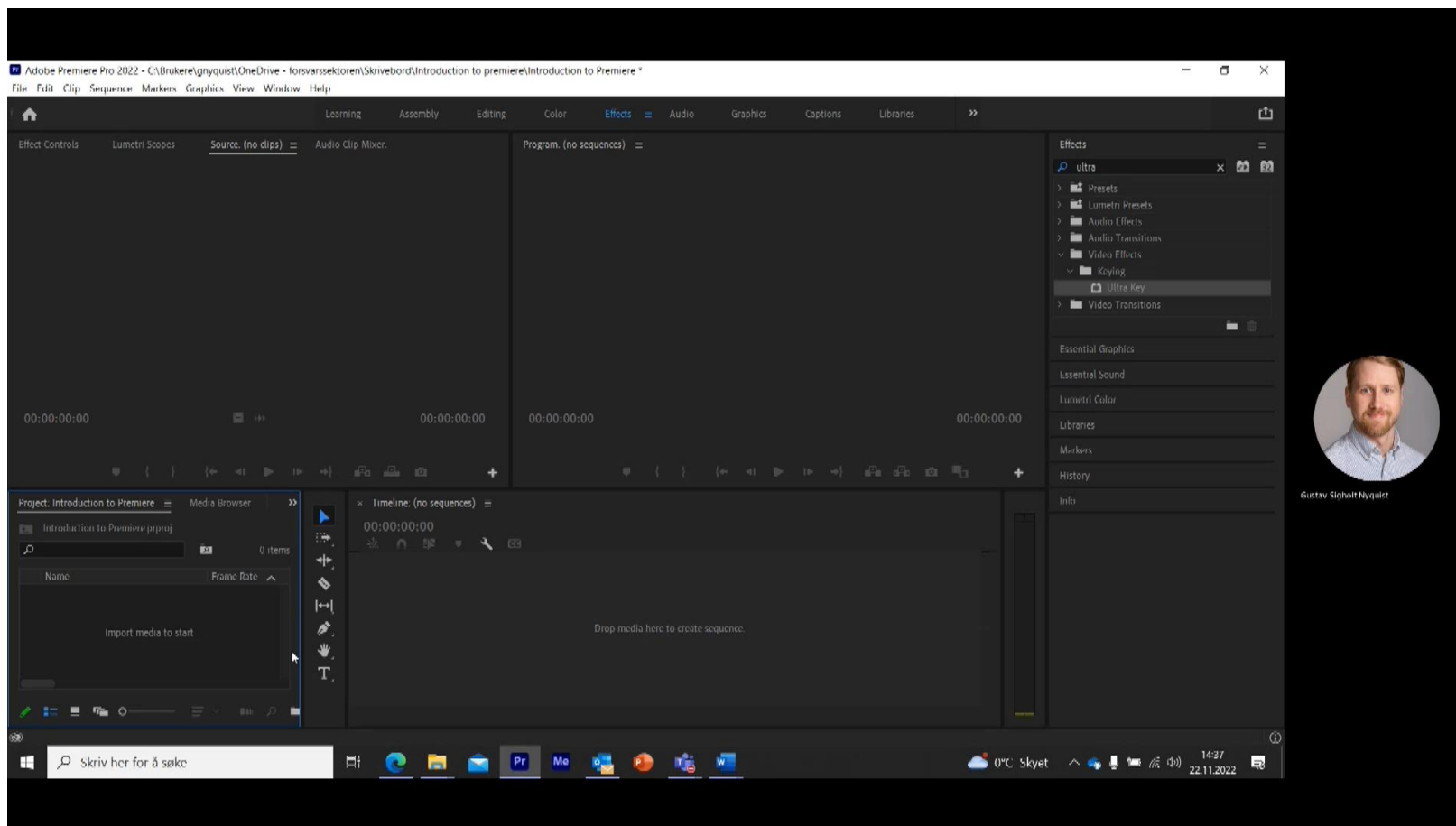
- Pre study
- Reusable
- Across studies
- Availability
- Repetition
- Exam preparation
- Video library for future student, was very useful during covid.



How we produce

- **Pre production** – Advice on format, help with layout and design, tips and must haves in a video.
- **Recording** – 1 day usually depending on project
- **Editing** – 1-2 days - Video 3-15 minutes long, effective and compressed learning content
- **A bad picture we can forgive, but bad sound is unforgiveable.**
- **Publishing** – video library - Available online 24/7 on Microsoft Stream, our current platform
- **Analysis** – for our teachers, what videos did students watch, how long did they watch, did they stop - get some facts and details
- **Reediting** for future usability in new versions. Have backups.
All media sources located in the same file structure.

Introduction to Premiere video 2 of 7





Criteria for success?

- Be effective in the production – Do short and long productions alongside
- Support from the board, decision makers
- Get the eager teachers on board
- Share the experience across the faculties -*Built a studio in Lillehammer. Helped out with studio in Georgia. Another studio for one of our service branches is going to be built soon.*
- Focus on the benefits
- We are planning a conference for the media producers in The Norwegian Armed Forces to share their experience and knowledge.

Future perspectives:

Protecting civilians in armed conflict to becoming XR project –
Start as a videolecture series of 12 videos – Virtual reality
experience for masters students (decisionmakers) – videoblog to
promote



Forsvarets høgskole

Thanks for your attention!

- Questions?

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