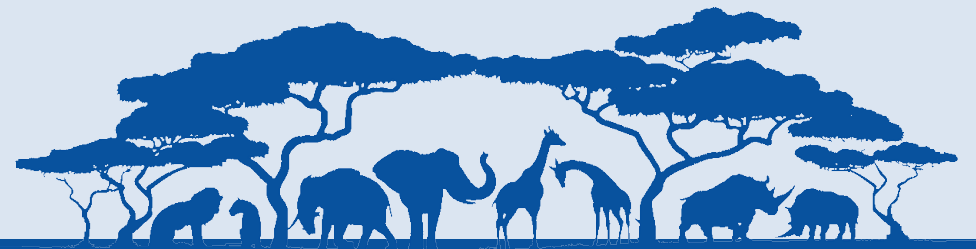
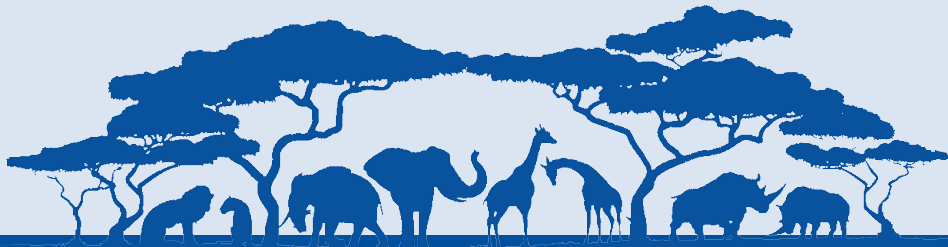


# Universal design for Learning PowerPoint



# Programme

- The importance of universal design
- Universal design in PowerPoint
- Resources



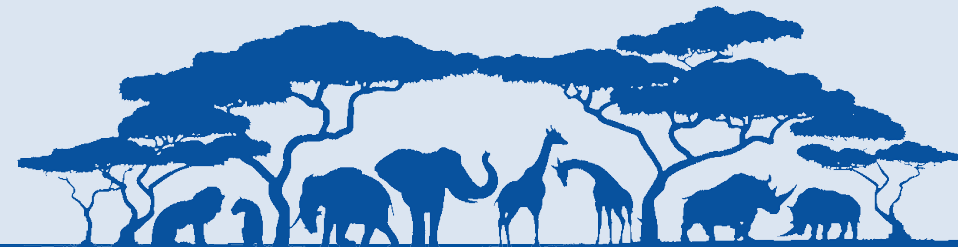
**Dixie Matre**  
dixie.matre@ntnu.no  
**Advisor**



# Why universal design?

- Universal design for learning (UDL) is about increasing educational quality
- Reduces the need for special accommodations
- Everyone has access to accessible learning resources, not just students with a documented need

**Universal design = good pedagogy**



# What to remember for PowerPoint

## **Titles on slides**

- Unique and informative titles on each slide

## **Reading order**

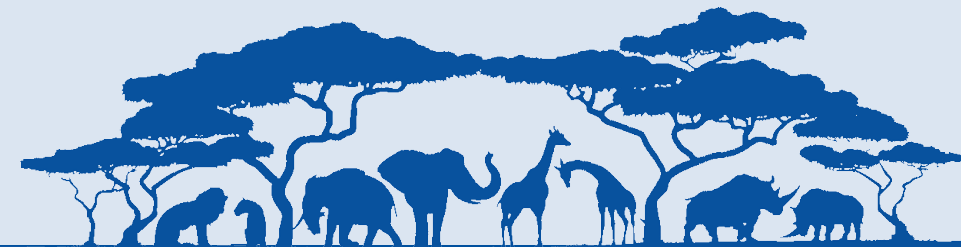
- Check the reading order of the slides

## **Alternative text**

- Mark decorative pictures as «decorative»
- Short and simple descriptions of pictures that are relevant

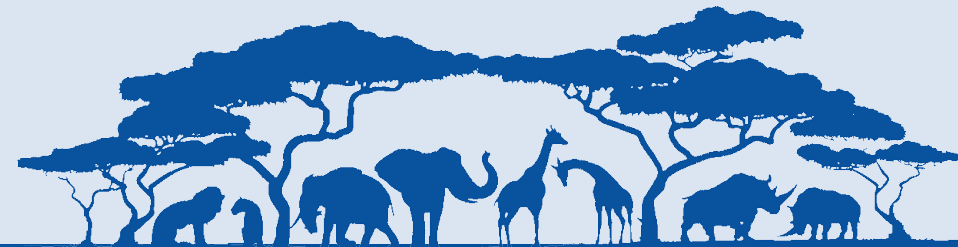
## **Share as Adobe PDF**

- Safe and share the PowerPoint as an Adobe PDF



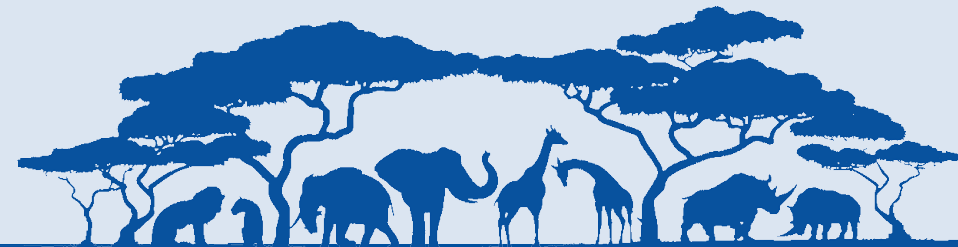
# Fonts and colours in PowerPoints

- At least font size 18
- Fonts without seriffs (Calibri, Open sans, Arial)
- Light, pastle, non-white background colour
- For some vision conditions inverted colours can be good – white text on dark background
- Use a colour contrast checker



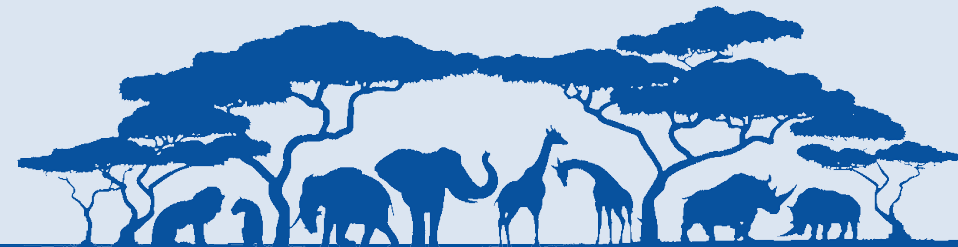
# A picture is worth a thousand words?

- Not everyone can understand, read, or see pictures in presentations
- It's important that visual information is also presented written down or orally
- If the presentation is to be used afterwards it must be understandable – think about adding a transcription to the slides



# Alternative text

- Don't start an alternative text with "a picture..."
- Describe what the image shows.
- Describe the colours and style of the image.



# Exercise: Alternative text

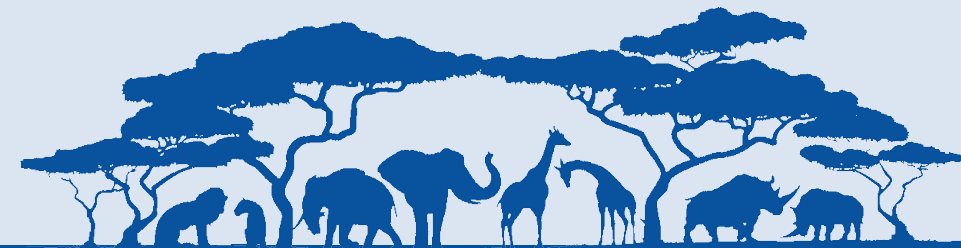
What alternative text would you give these pictures?



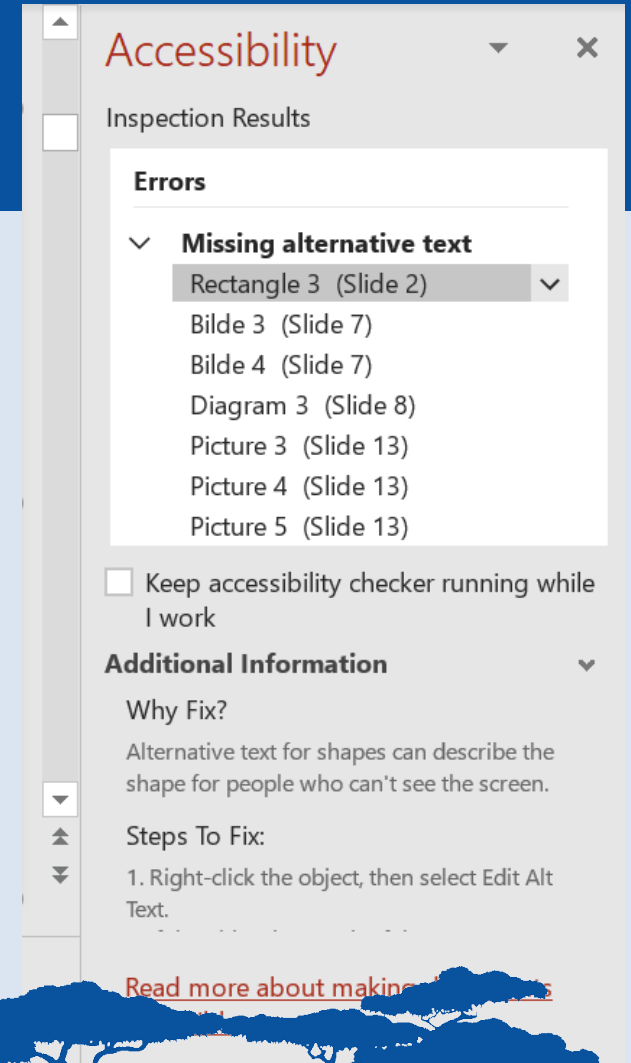
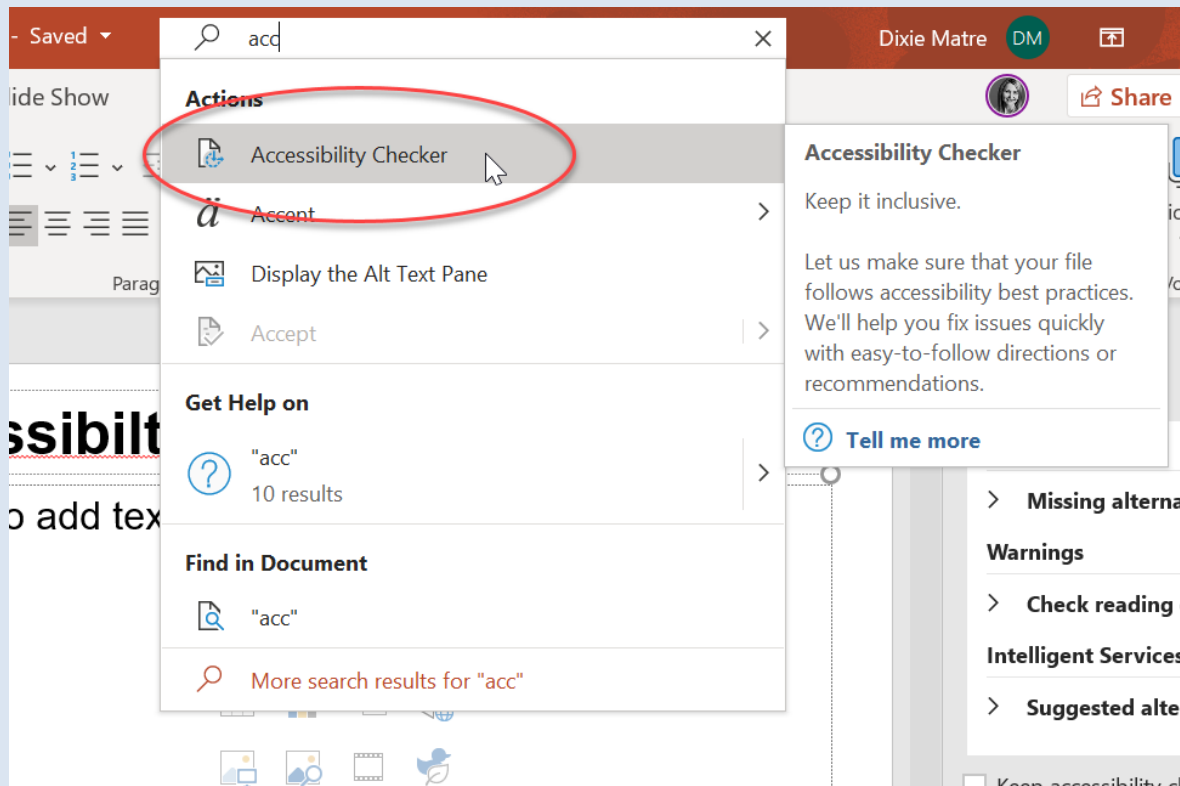


# Presenting presentations

- Know your audience – who are the audience? What do they know already?
- Keep to your topic and go slowly
- Describe all the pictures that you use in your presentation
- Avoid words like «here» and «there»
- Convey all the information on your slides to the participants



# O365 - Accessibility checker



# Resources for universal design

## Innsida:

- [Universal design of digital resources](#)
- [Universal design of documents](#)
- [Universal design of presentations and slides](#)
- [Universal design of PDFs](#)
- [Universal design of videos](#)
- [Blackboard Ally](#)
- [Blackboard Ally – for students](#)
- [Teaching students with disabilities](#)

## Courses (online):

- NTNU: [Universell utforming av innhold på nett \(Norwegian\)](#)
- Difi: [Universell utforming. E-læringskurs for nettrektører og skribenter \(Norwegian\)](#)

## Video:

- [Universell utforming i PowerPoint av Randi Elisabeth Hagen \(INN\) \(Norwegian\)](#)



# Contact us:

**NTNU Hjelp:**

<https://hjelp.ntnu.no/>

**Resources for educators:**

<https://s.ntnu.no/ls>