Flood Protection Project Alpine Rhine „Rhesi“

Alliance in the Alps – The Community Network
October 7, 2025

For you presenting

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Project Manager

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Public Relations

Geographical Location

Then

«Römerkarte», 1769

Rhesi
Hochwasserschutz fürs Rheintal

Severe floods in the past

Flood in Lustenau

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Today

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2016

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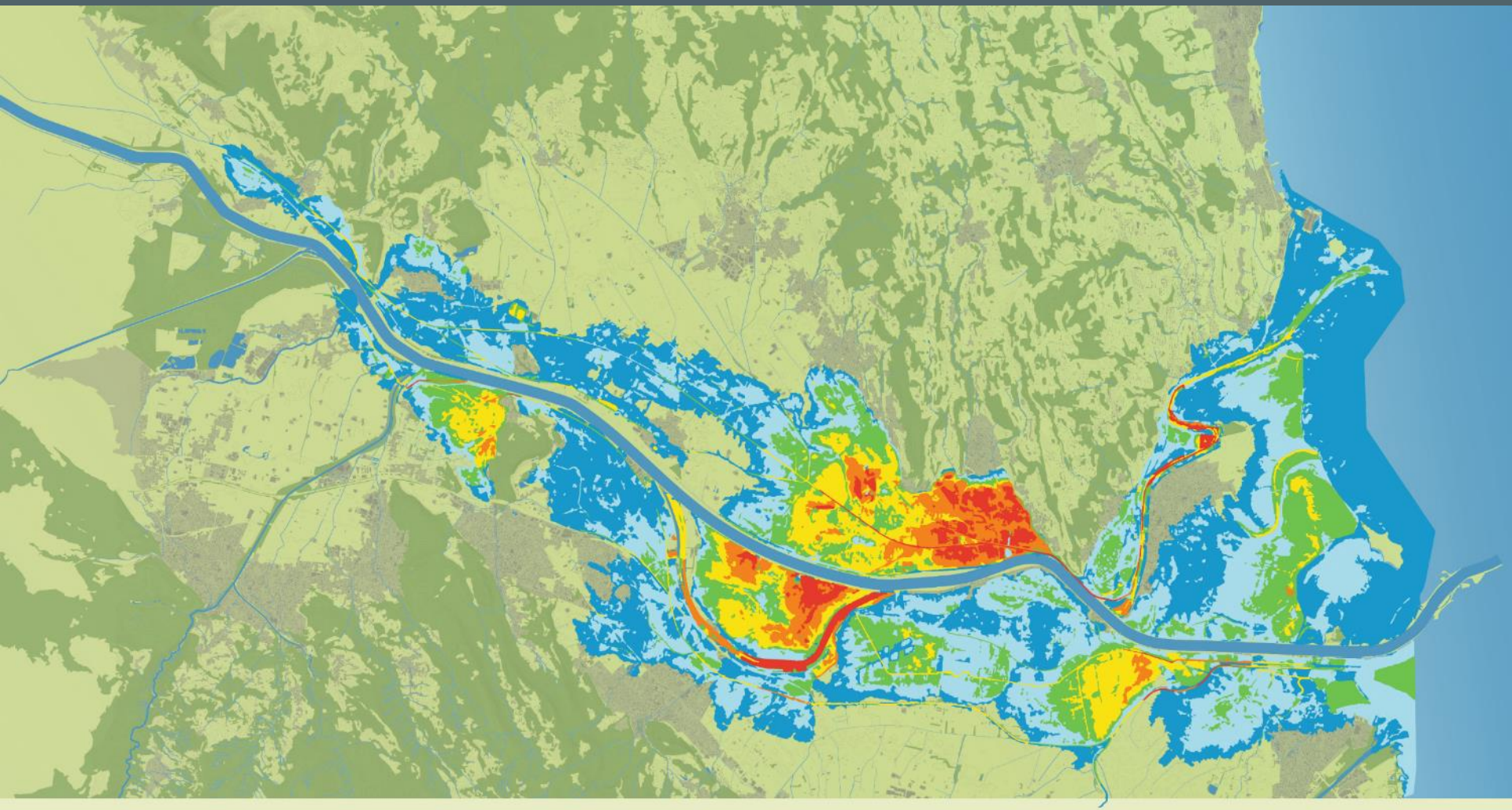
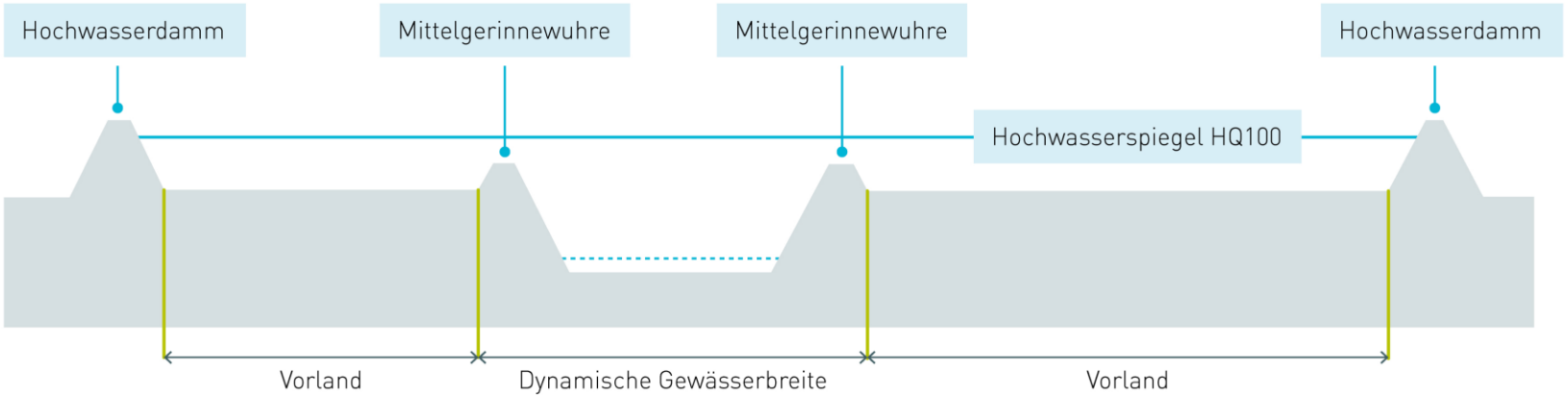
Limited flood protection

1987, damburst, Fussach

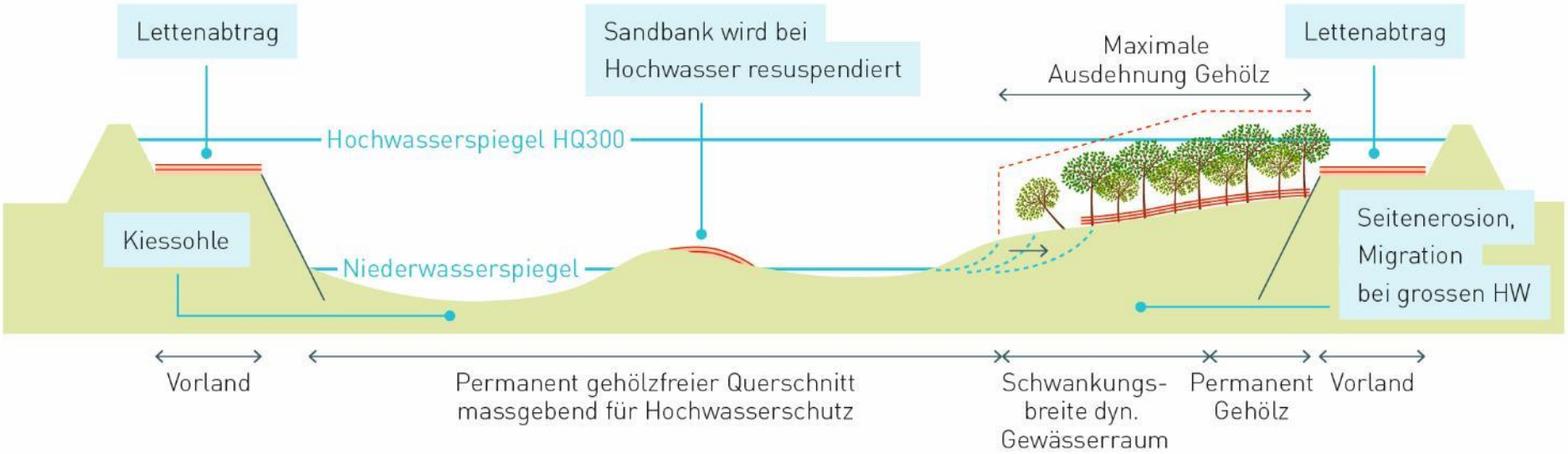
Rhesi - a flood protection project



Cross section today



Cross section future



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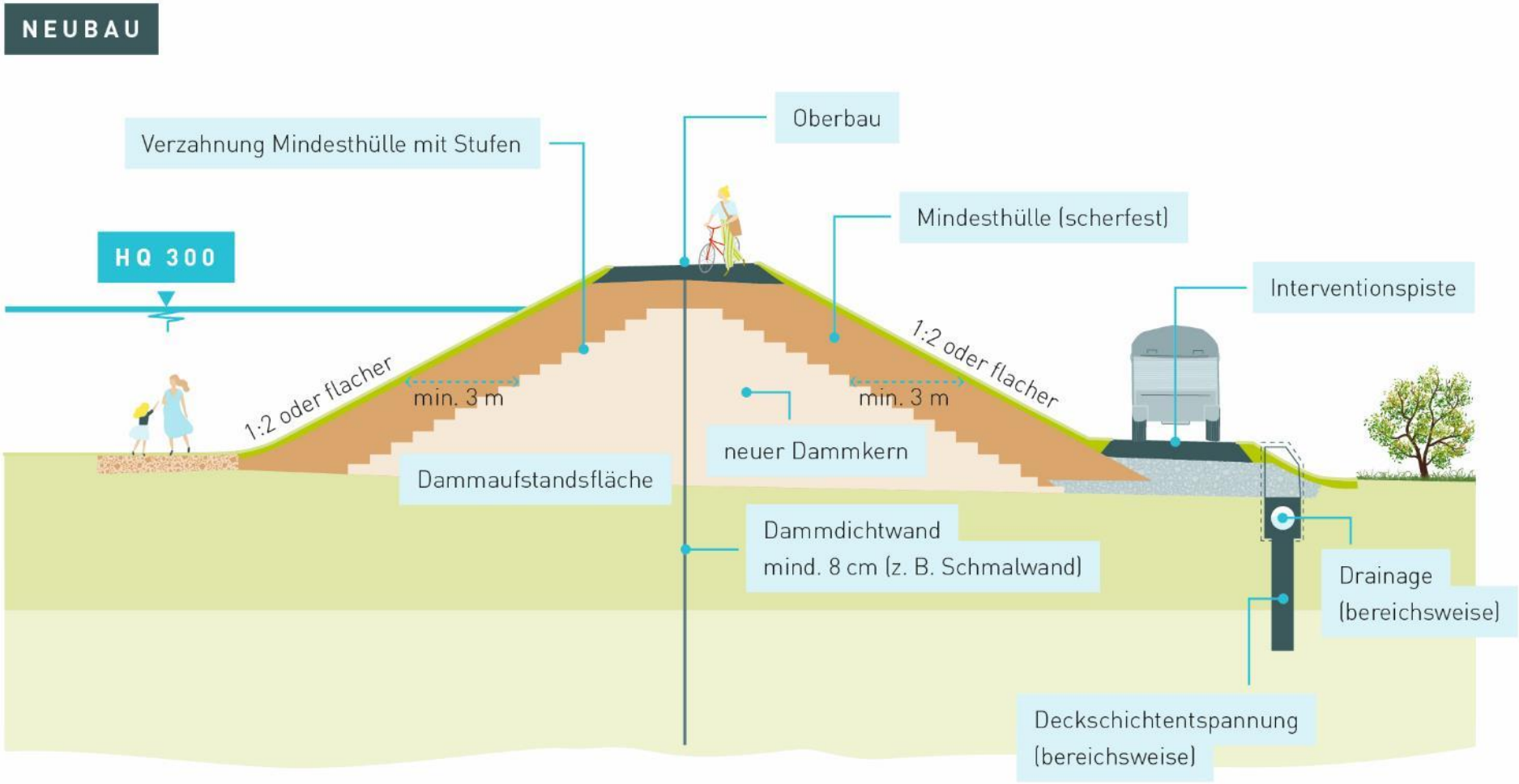
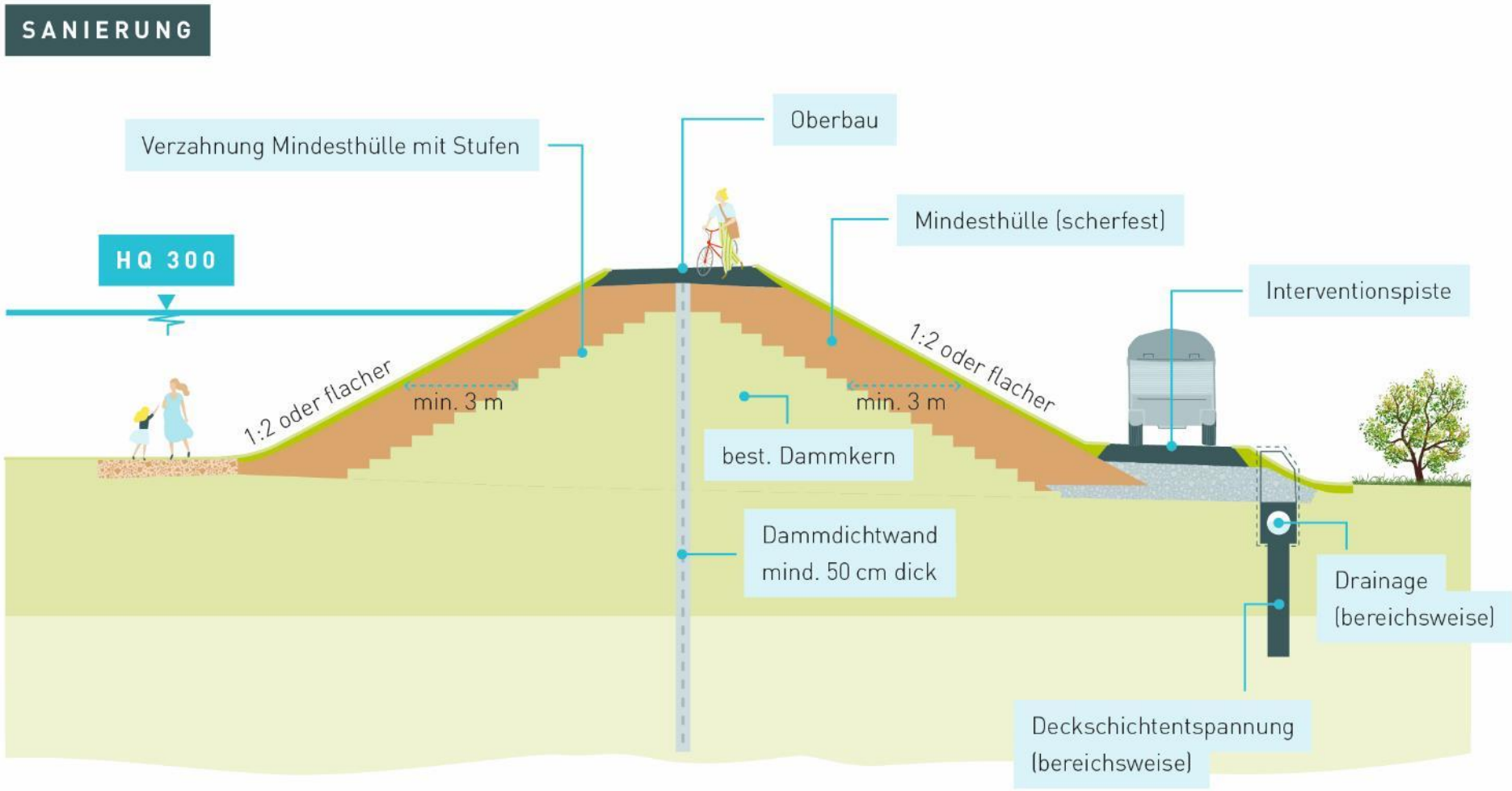
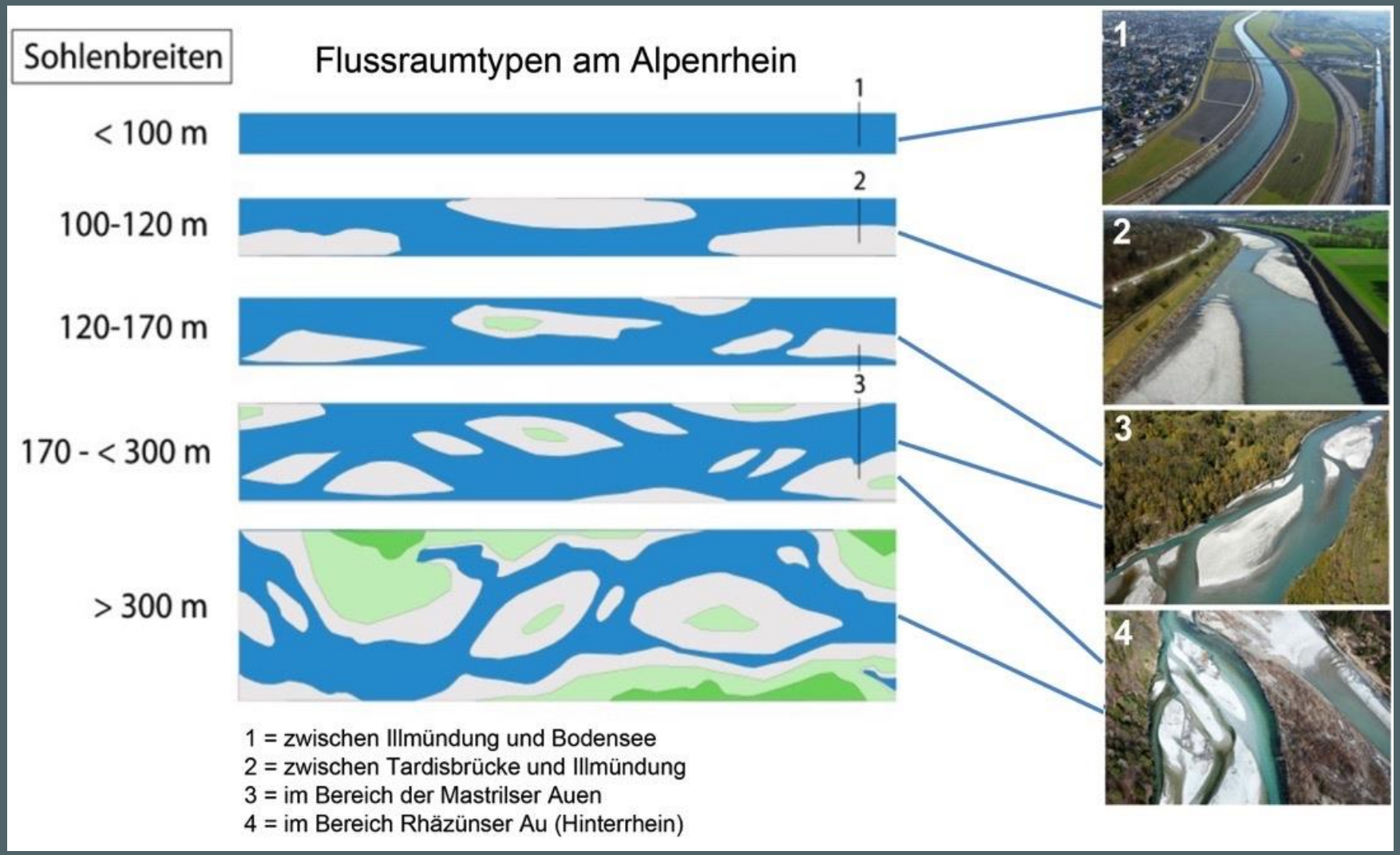
Dam: new construction



Dam: rehabilitation



Basic principles river width



Core Habitat

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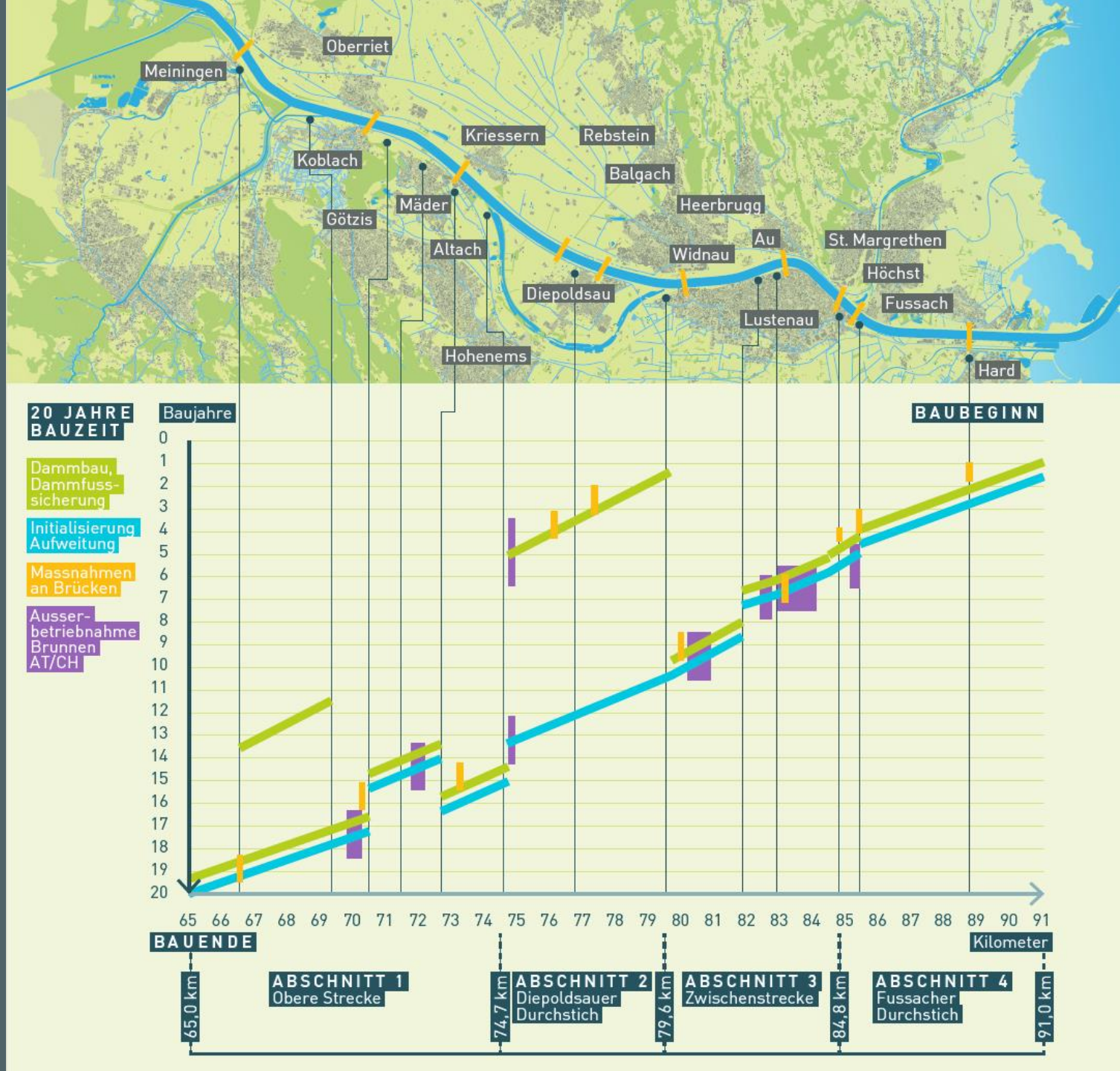
Construction phase – timeline



Cost

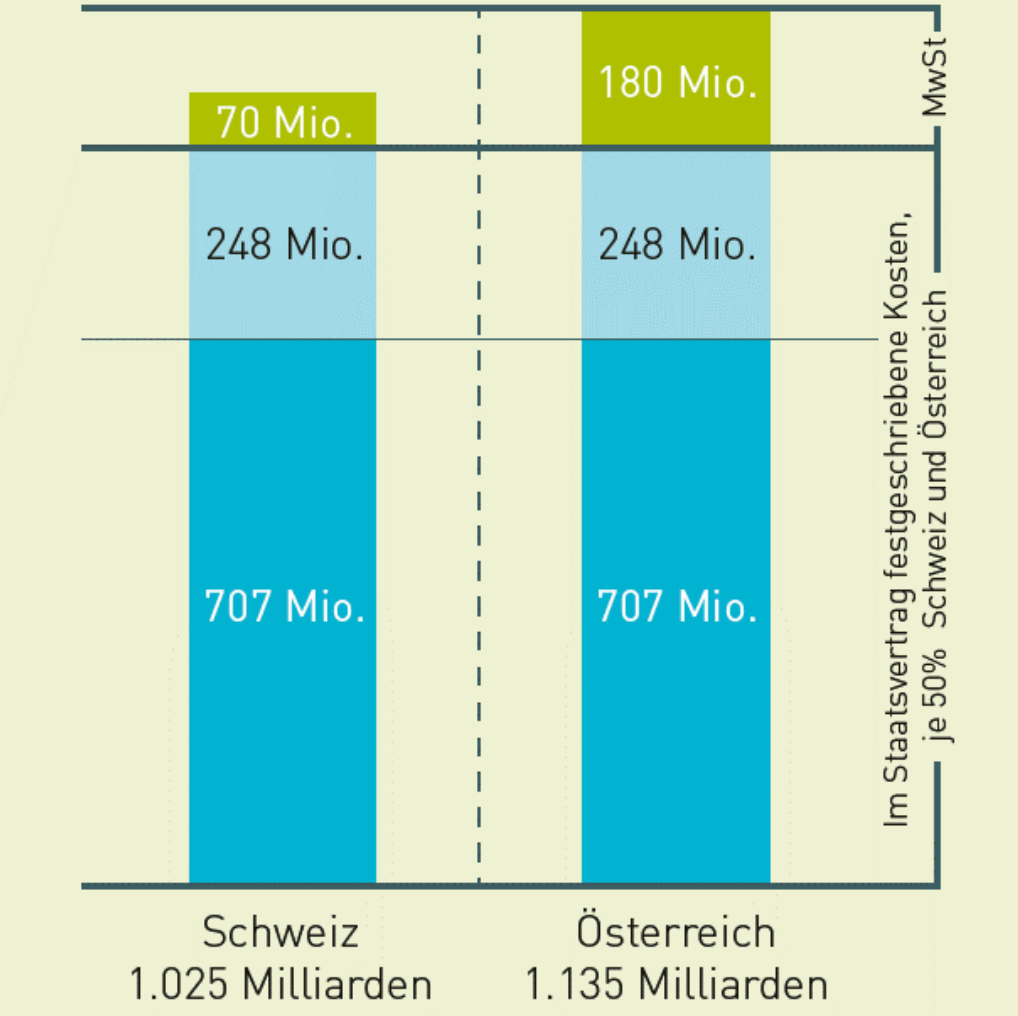
1.909 billion CHF
excl. VAT

2.160 billion CHF
incl. VAT.

Benefit-cost-factor:

methodology CH: > 2

methodology AT: > 2



Visualisations

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Koblach/Montlingen – today

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Koblach/Montlingen - Rhesi

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Kriessern/Mäder - today

Kriessern/Mäder - Rhesi

Widnau/Lustenau - today

Widnau/Lustenau - Rhesi

Hard/Fussach - today

Rhesi
Hochwasserschutz fürs Rheintal

Hard/Fussach - Rhesi

Rhesi
Hochwasserschutz fürs Rheintal

Thank you for your attention

Rhesi
Hochwasserschutz fürs Rheintal

To be discussed in the afternoon

1. Flood protection at the Rhine today (Mathias Speckle)
2. Rhesi: Public and private stakeholders (Marlene Engler)
3. Rhesi: Drinking Water, Ground Water (BV)
4. River Management: Bedload