

An aerial photograph of a winding river through a vast wetland landscape. The sun is low on the horizon, casting a warm, golden glow over the scene. The water reflects the light, and a small boat is visible on the river, leaving a wake. The surrounding land is a mix of green and brown, indicating different types of vegetation and water levels. The image is split into two vertical panels: the left panel shows the sunset scene, and the right panel shows a similar scene but with a blue and green color palette.

Short introduction to:

Nature-based
Future
Challenges



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The scope

Multidisciplinary student teams **visualise the potential of nature-based solutions to respond to the effects of climate change and biodiversity loss** in the Bangladesh delta.



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Outcome

Vision for Bangladesh in 2120 in the form of adaptive spatial planning maps and renderings & **transformation pathways.**

The vision should:

- Be **biodiversity positive**
- Ensure **food & water security**
- Enhance **climate adaptability & resilience**
- Have a **positive social & socio-economic** impact



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For whom?

BSc, MSc and PhD students

Universities (of Applied Sciences) **worldwide**

With **various backgrounds**, including:

Landscape architecture, Spatial planning, Forestry, (Organic) Agriculture, Nature Conservation, Environmental Sciences, Land, Water, Urban and Marine Resources Management, Sociology etc.





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How does it work?

Duration: **November 2023-June 2024**

Participation in a **multidisciplinary team**

Three rounds:

- Each round ends with submission of a Milestone report
- Based on reports teams are selected to the next round
- Hybrid 'Studios' at the beginning of each round to get started
- Opportunities to ask feedback from professionals with relevant experience

Selection:

- Experts from local organizations read and score the reports
- International jury selects the winner of the Challenge





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Deliverables

Report including ([see example](#)):

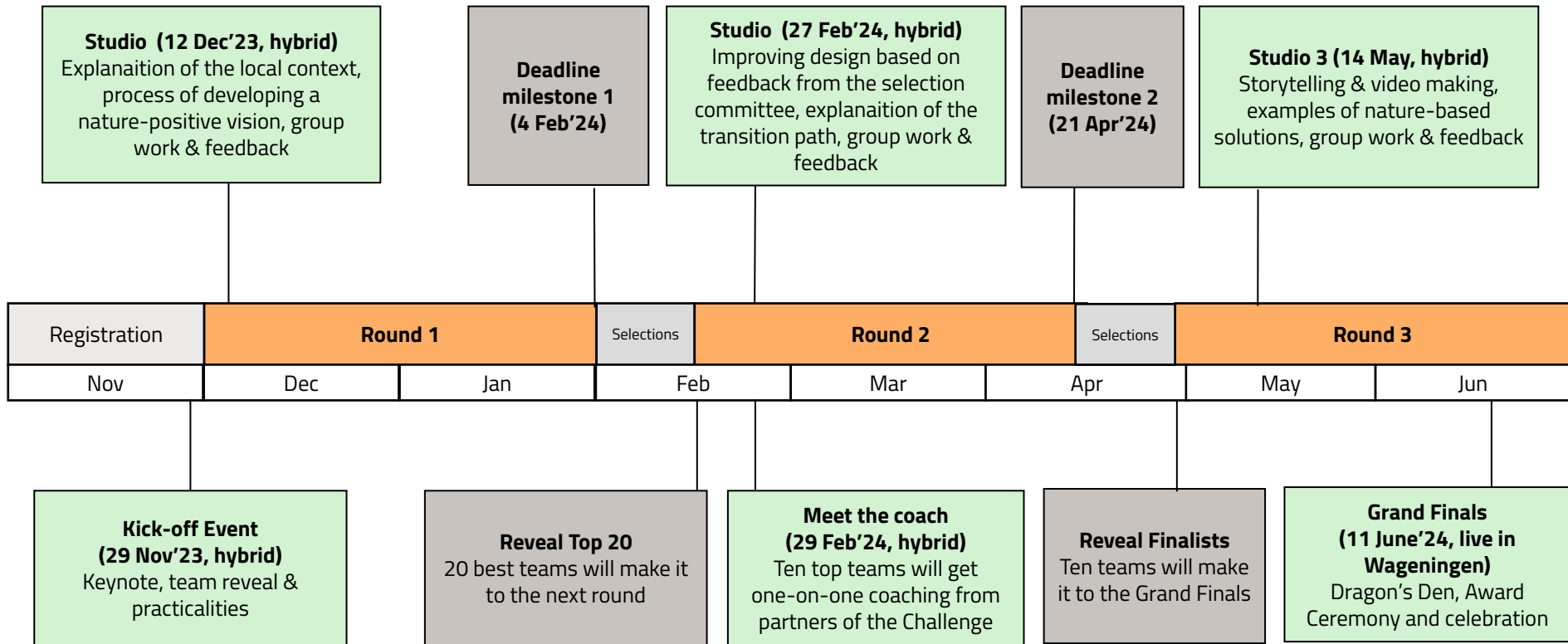
- Analysis of the current situation and future trends in Bangladesh*
- Description of team's vision of a nature-positive future*
- Translation of this vision into concrete choices for different regions of Bangladesh, in form of an A0 map, and descriptions and visualisations of the regions*
- Description of the transition pathways**
- Detailed design of a nature-based solution***

Video pitch***

Deadlines: * by 4 Feb'24; ** by 21 Apr'24, *** by 12 June'24



Timeline





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What is there for students?



Learning experience that boosts professional skills: interdisciplinary team work, systems thinking, problem-solving, communication, dealing with uncertainty and complexity, etc.

Opportunity to learn from and network with industry leaders such as Arcadis, Witteveen+Bos, FFAR and more

Opportunity to meet and exchange ideas with students from Universities worldwide and local stakeholders

Certificate for top 20 teams & finalists of the Challenge

The finalists receive **travel & accommodation budget** to attend the Grand Finals in the Netherlands (not full costs)

The winning team gets **9 000 EUR and exposure**



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How to join?

Students can register individually or as a team.

Individual students will be put in a team based on their (interdisciplinary) backgrounds and location.

Registration deadline is **19 November 2023**.





Thank you for sharing!

More about the NBF Challenge:

www.nbfchallenge.nl

More about WUR Student Challenges
(organizer of the NBF Challenge):

www.wur.eu/studentchallenges