flow forward

Viability & feasibility workshop

Using the tool

Template

Example

Viability & feasibility workshop

This workshop helps you to assess whether a project or idea is both practical and sustainable. By systematically evaluating feasibility (can it be done?) and viability (should it be done?), the workshop enables your team to identify potential risks, resource requirements, and market opportunities. It guides you in making informed decisions, ensuring that only ideas with a strong chance of success move forward.

Tips for use

The intention is that this workshop will be carried out together with all relevant stakeholders in the area. Ensure that all relevant stakeholders are represented and ensure that all stakeholders have an equal say.

Make a large print of the template to use in a brainstorming session. Use sticky notes to add items on the canvas, so you can easily make changes.

Be inspired by the example of Amsterdam.

How to use

Start by defining individual components that the vision must meet before combining them into one dream vision.

Step 1: main elements brainstorm
All participants write down the most important elements that the future vision of the area must meet. Answering the following question: What are the most important elements of your vision that maximizes the added value for the area for all its users?

It can be single words or a short description. Make sure that all individual elements are noted on a separate sticky note.

Step 2: find the common denominator
Discuss all elements from step 1 in a group and look for the common interest together. Let the group jointly select the most important elements and let them describe the shared vision in a statement with the assignment: Describe in one sentence your dream image that maximizes the added value of the area for all its users.

Step 3: identify most impactful challenges
Define the key challenges that need to be overcome to achieve the dream vision. This can be done in the workshop itself, but stakeholders may already have an inventory of the challenges in the area. Bring these together, cluster the challenges where necessary and determine to what extent the solutions to the challenges contribute to realizing the shared dream. This helps to make an initial prioritization on which challenges to focus on and which challenges are interesting for everyone because they contribute to the shared dream.

flow forward

Viability & feasibility workshop
workshop template

Program

XX:XX	**Recap**
XX:XX	**Technical feasibility**
XX:XX	**Stakeholders**
XX:XX	**Constraints**
XX:XX	*Break*
XX:XX	**Viability**
XX:XX	**Responsibilities**
XX:XX	**Opportunities**
XX:XX	**Next steps**

Recap

Present the follow aspects:

- Main solution
- Experiments
- Results

Technical feasibility

What technical capabilities, resources, and infrastructure are needed to effectively develop, deploy, and maintain your solution?

Stakeholders

Who do we need to realise your solution? (organisations, roles, persons)

Risks / constrains

What are the risks and limitations of your solution? What are the showstoppers of your solution that can hinder the success of the solution?

Viability

Is this solution sustainable and cost-effective over the long term, while meeting the desired objectives and providing value to stakeholders? Which legislation & regulations and costs should we consider?

Responsibilities

What are the tasks that need to be performed in maintenance & management and who performs which task?

Opportunities

What are the additional opportunities that this solution offers?

Next steps

Overview next steps + owner

Example Information Board Nijmegen

Various experiments have been conducted in Nijmegen Spiegelwaal on the information needs in the Spiegelwaal area.

Various target groups have been identified (including long-distance swimmers, recreational swimmers, rowers, canoeists). They all have different information needs.

In addition, various information carriers have also been examined (including signs, apps, VR).

Based on various experiments, the information sign has emerged as the most suitable, including specific information needs (including water temperature, events and water quality).
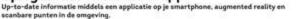
From this solution direction, a work session was then organized to further develop the technical feasibility and viability of the concept.

the feasibility and viability workshop gave Rijkswaterstaat and the municipality of Nijmegen a good picture of the steps that need to be taken to realize the information board.

The biggest bottlenecks appeared to be in the physical management due to high water in the winter period. The cooperation with water sports associations also appeared to be essential in keeping the content up to date
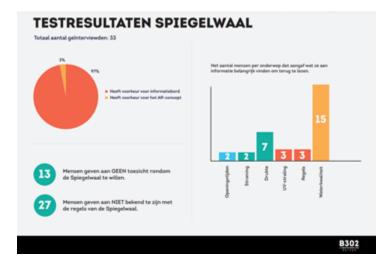
Recap

Main insights information provision

o Water quality and business are interesting topics

o No enforcement

o Different target groups, different needs

o Downloading an app appears to be a lot of effort

Feedbacksessie

Feedbacksessie

| Onderzoek | 2 concepten uitgewerkt *AR app, informatiebord* | Interviews 30 recreanten | 1 concept uitgewerkt *informatiebord* | Enquête 36 recreanten | Presentatie resultaten onderzoek |

1e iteratie

2e iteratie

Technical feasibility

What technical capabilities, resources, and infrastructure are needed to effectively develop, deploy, and maintain your solution?

- How many signs and where?
  - Place at the entrance
- Electricity (available at two locations)
  - Toilet building/water sports centre
- Wifi available?
- Shelter?
- Size of sign?
- Signs (QR code)
- Only information that is necessary
- Website URL must be easy to remember
- Up-to-date information
- Website development
- RWS > measure administrator
  - Province > check
  - Read information

Stakeholders

Who do we need to realise your solution? (organisations, roles, persons)

- Pro-Rail
- RVBedrijf
- Staatsbosbeheer
- RWS > nautical advice/steward/?/?
- Province
- Position RWS enforcers
- KNMI > API
  - Temperature
  - Wind direction
- Bastion target group (club association same info)
  - Events from clubs, agenda
- Recreational users
- Students
- Youth
- Schools (safety campaigns)
- Water sports center

Risks / constrains

What are the risks and limitations of your solution? What are the showstoppers of your solution that can hinder the success of the solution?

- High Water Protocol
- Layout / style of …(Nijmegen?)
- Hufters
- Restrictions for management (sensitive > technical, safety)

Viability

Is this solution sustainable and cost-effective over the long term, while meeting the desired objectives and providing value to stakeholders? Which legislation & regulations and costs should we consider?

- Place object, permit
- Indicate digital reporting obligation
- Water Act
- Communication plan/campaign
- RVB
- Posts with QR code (permit)
- Purchase price
- Sign/posts
- Via municipality (area director)
- RWS rental RVB

Responsibilities

What are the tasks that need to be performed in maintenance & management and who performs which task?

Management
- – Board - city management department of the municipality of Nijmegen
- – Website (various sources) - communication department of the municipality of Nijmegen?
- Tenant's liability (Nijmegen)
- RWS > CIV (blue-green algae measurement)

Deregistered stakeholders and roles
- Involvement in intention
  - – RVB (steward)
- Municipality
  - – Communication, technical management, real estate > Bastion, events
- Managers
  - – RWS, Municipal alderman, provincial executive
- Management foundation
  - – 5 tenants/associations in the Bastion, content, wifi/connectivity
- RWS
- Safety campaign, provide information on content, trailer ramp, content

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Opportunities

What are the additional opportunities that this solution offers?

- Increasing safety = deviating from legislation
- QR code (posts)
- Displaying variation in information
- Collaboration/agreements

Next steps

Overview next steps + owner