Ideation Phase
Brainstorm & Idea Prioritization

Date	18 October 2022
Team ID	PNT2022TMID51601
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.
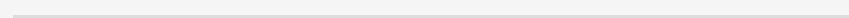
Reference: https://www.mural.co/templates/empathy-map-canvas
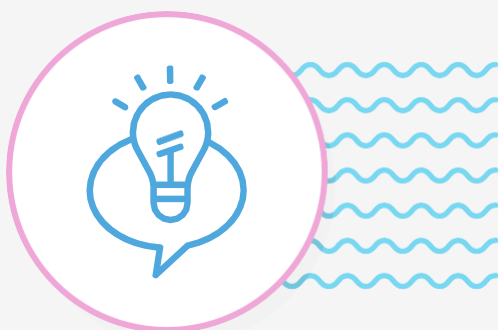
Brainstorm
& idea prioritization

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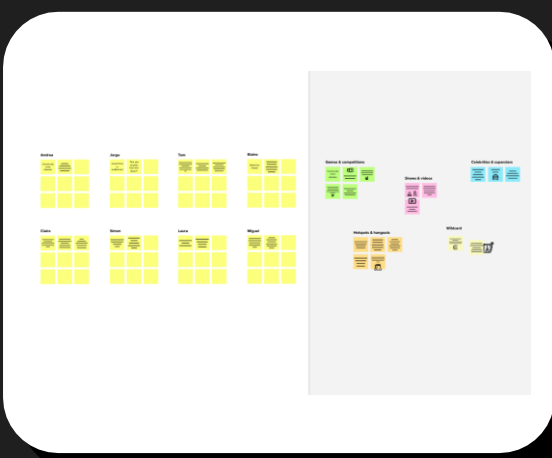
🕐 **10 minutes** to prepare

⧗ **1 hour** to collaborate

👤 **2-8 people** recommended

Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →

→

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⏱ **10 minutes**

A **Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B **Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.

C **Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

Open article
→

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕐 **5 minutes**

PROBLEM

How might we prevent the forest fires by early detecting methods?

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

Encourage wild ideas.

Defer judgment.

Listen to others.

Go for volume.

If possible, be visual.

2

Brainstorm

Write down any ideas that come to mindthat address your problem statement.

🕐 **10 minutes**

Anisha I

Detect By Smoke

Detect By Climate change

Jenitta Augnes J

Detects By flame

Detects any electrical Shortage that can cause fire
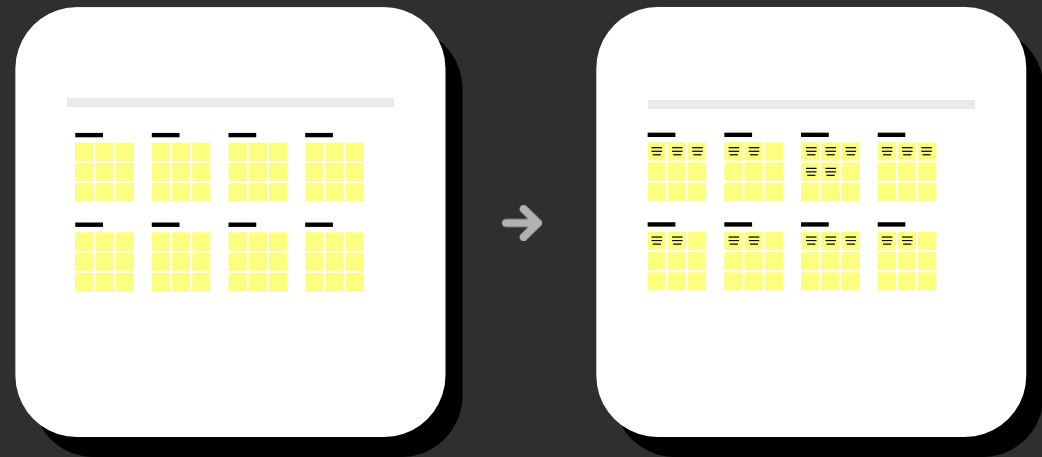
Priya Dharshini S

Detects by spark

Detects spark due to lightning

Pavithra R

Detects temparature regularly

Monitors 24/7

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕐 **20 minutes**

By detect the forest fire,

Reduces the air pollution

Reduces the landslide and soil erosion by protecting strong rooted trees

Reduces the risk of eradication of endangered species

No need of manual monitoring

Reduces CO_2

No loss of life and resources

4
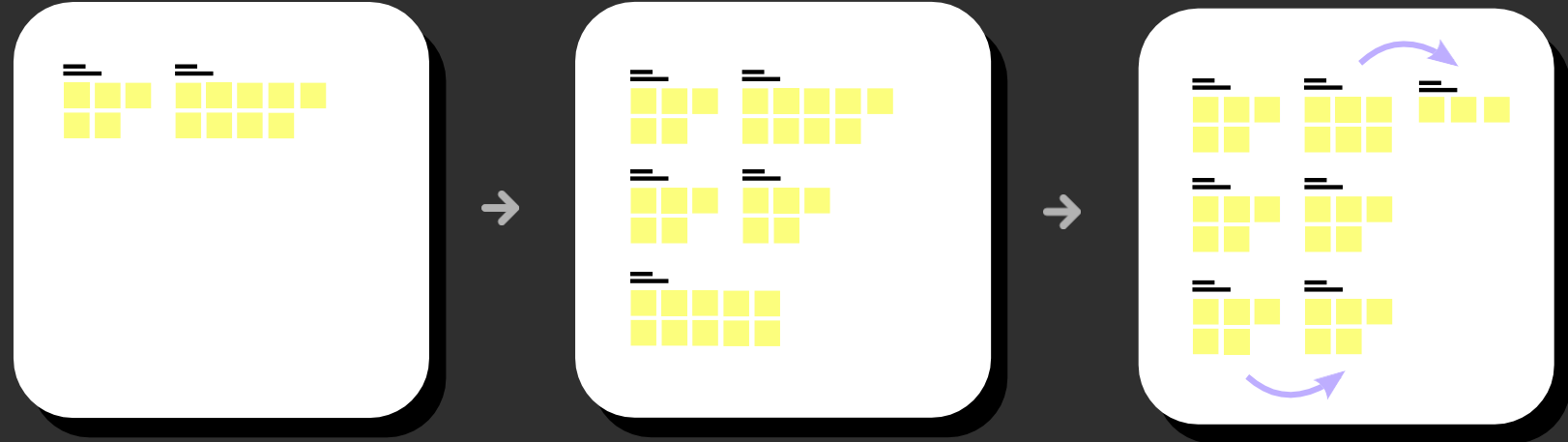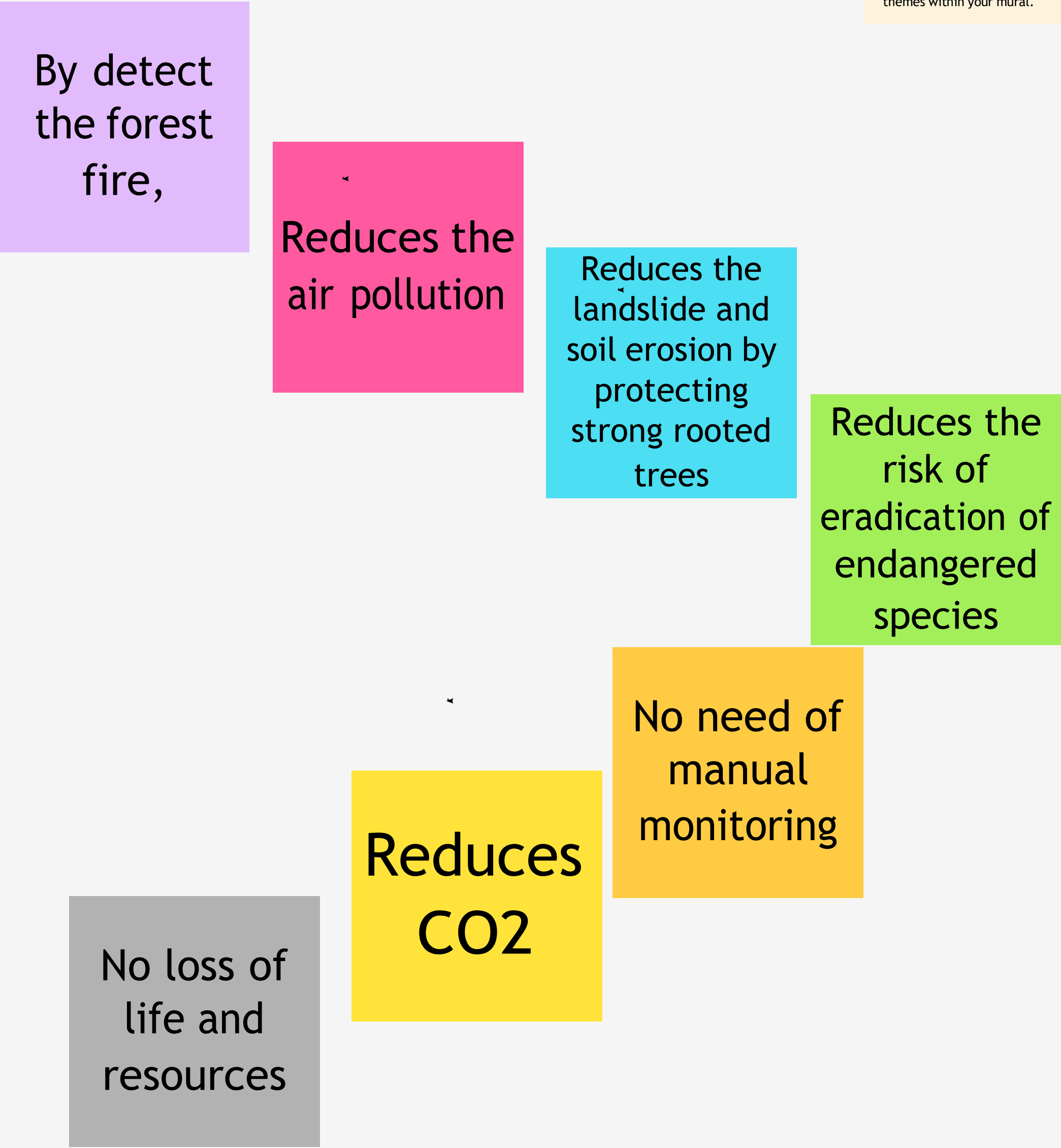
Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.
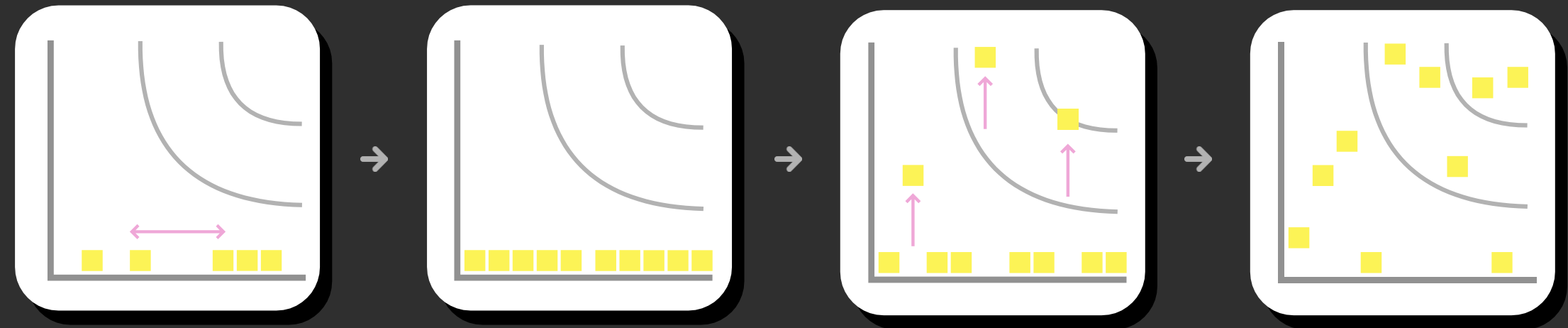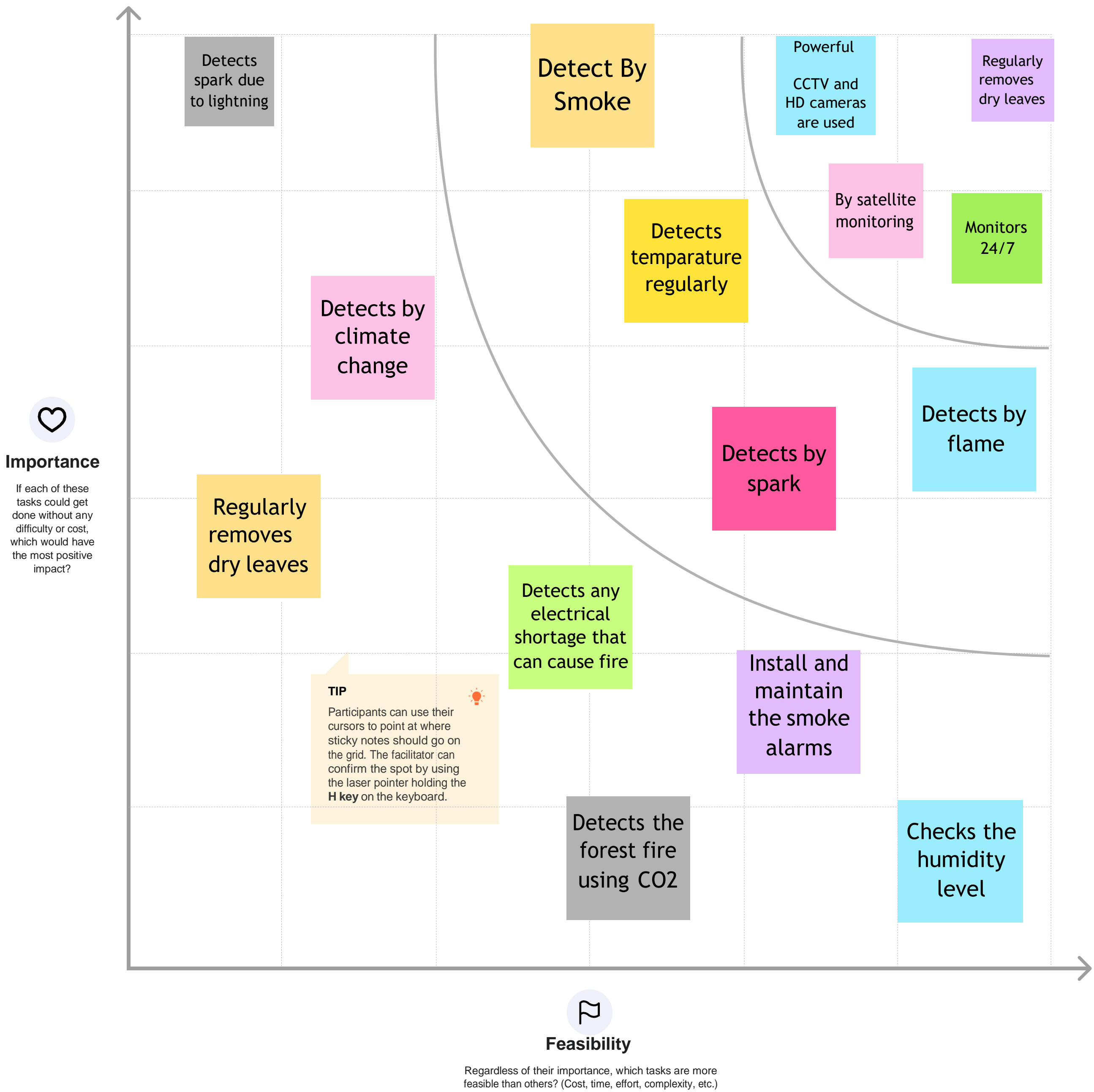
🕐 **20 minutes**

♡

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Detects spark due to lightning

Detect By Smoke

Powerful CCTV and HD cameras are used

Regularly removes dry leaves

By satellite monitoring

Monitors 24/7

Detects temparature regularly

Detects by climate change

Detects by flame

Detects by spark

Regularly removes dry leaves

Detects any electrical shortage that can cause fire

Install and maintain the smoke alarms

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard. 💡

Detects the forest fire using CO2

Checks the humidity level

⚑

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

After you collaborate

You can export the mural as an image or pdfto share with members of your company who might find it helpful.

Quick add-ons

A **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B **Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.

Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.

Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities,and threats (SWOT) to develop a plan.

Open the template →

Share template feedback