

## 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.



### PNT2022TMID05128

Team gathering

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



Think about the problem you'll be focusing on solving in the brainstorming session.

Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.





#### Brainstorm

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

① 10 minutes

# ABRNA ABANA

AHRIHARASUDHAN M

The proposed system would be able to automate the solid waste monitoring process and management of the overall collection process using IOT (Internet of Things).

Placing
Ultrasonic
sensor to
detect level
of bins

Enable GPS function to locate bins easier

Waste generation analysis to understand cities usages

## AKASHK

AKSHAYA J

Load cell on bottom of bins

Place
Arduion
board at left
side of bins

Visual fill status indicators on top of bins

using by GSM in bins achieve wireless communication with bins and managing center



### 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.

① 20 minutes

Smart garbage maintenance server Transparency and sustainable solution than normal garbage bins

Optimized trash collection route

Collect only degradable and non-degradable wastes

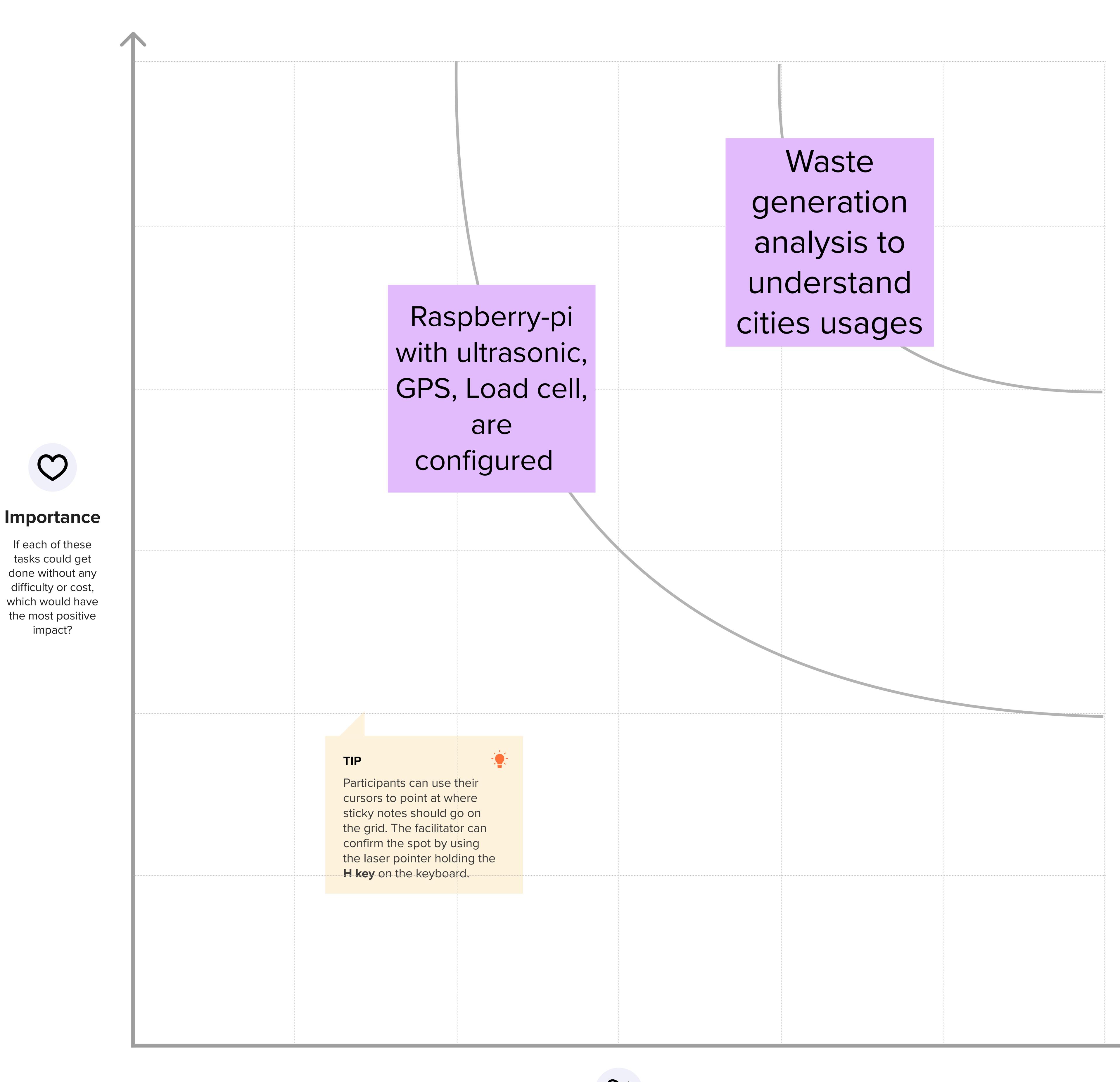
IOT alert
authorized
person when
bins going to
fill



#### 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.

① 20 minutes



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Regardless of their importance, which tasks are mo