

In the Opinion of the People...

Category: Inspiring a shared vision



Presenters:

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BE(Civ)(Hons),
MEngSc(C'wk&MinThes)



Michael Mag,
BSc, BE(Civ)(Hons),
MAAdvCivWaterEng



- Hydrologists - Private and public organisations - 30/10 years respectively.
- Principal Stormy Water Solutions (2003), Director Stormy Water Solutions Pty Ltd (2021)
- Industry designers, auditors, and trainers in drainage and water sensitive urban design

Our Presentation:

Presents the findings of a survey which Stormy Water Solutions conducted between December 2022 and May 2023.



Why we conducted the survey:

To “drive change and embrace challenges” in regard to “inspiring a shared vision”, we as an industry need to understand what our shared vision is (both now and in the future) and what challenges we currently face in delivering policy and project outcomes.

If we do not take a step back, and ask ourselves how well we are doing now, there is no way we can deliver a fully formed “shared vision” going forward.

Who did we survey?



How was the survey conducted?



Stormy Water Solutions – Industry Survey 2022/2023

Aim:

The theme of the 2023 Stormwater Victoria conference is “Driving Change and Embracing Challenges”. To achieve this, we as an industry need to understand what our shared vision is and what challenges we currently face in delivering policies and project outcomes.

Stormy Water Solutions asks you to complete the short survey below to assess what you are feeling in regard to your personal experience in the industry at this point in time.

All survey responses are confidential – we will not ask for your name or organisation. However, some questions relating to your role and experience are included, to help assess if different people in our industry are experiencing similar issues.

There is no need to answer every question. You can have more than one answer to each question. How you complete the survey is up to you.

If you have any questions, or have completed this survey electronically, please email Valerie Mag (val.mag@stormywater.com.au). We thank you for your assistance in helping us disseminate to the industry what issues are important to you at the moment.

- VM/MM formulated to questions.
- NB: NO survey experience
- Sent to some of our peers for feedback
- Gave hardcopy/electronic word document to our course participants to fill out.

1. Participant Details

Question	Answer
1 What type or organisation do you work for (e.g. government, private, consultancy, contractor, university etc)? Please indicate if your organisation is large or small.	
2 How do you identify (non-binary, female, male?)	
3 Do you consider yourself to be culturally diverse (e.g. migrant heritage, you speak more than one language, you are part of the LGBTQ+ community)?	

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Stormy Water Solutions – Industry Survey 2022/2023

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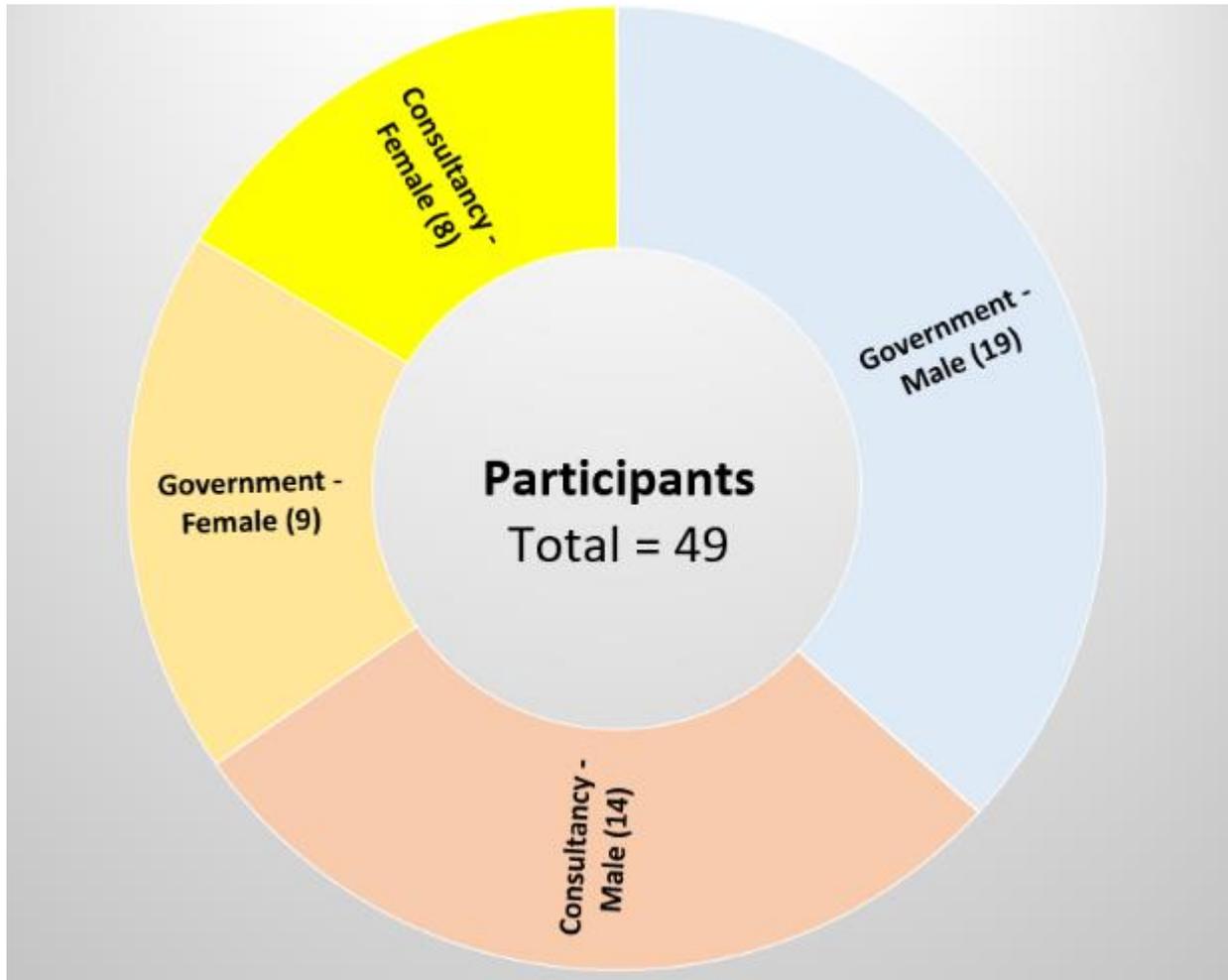
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Question Themes

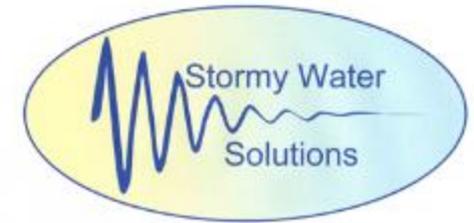
1. Participant Details
2. Understanding Drainage and WSUD Outcomes
3. Participant Personal Experiences
4. Participant Professional Opinions
5. Ways Forward?

1. Participants

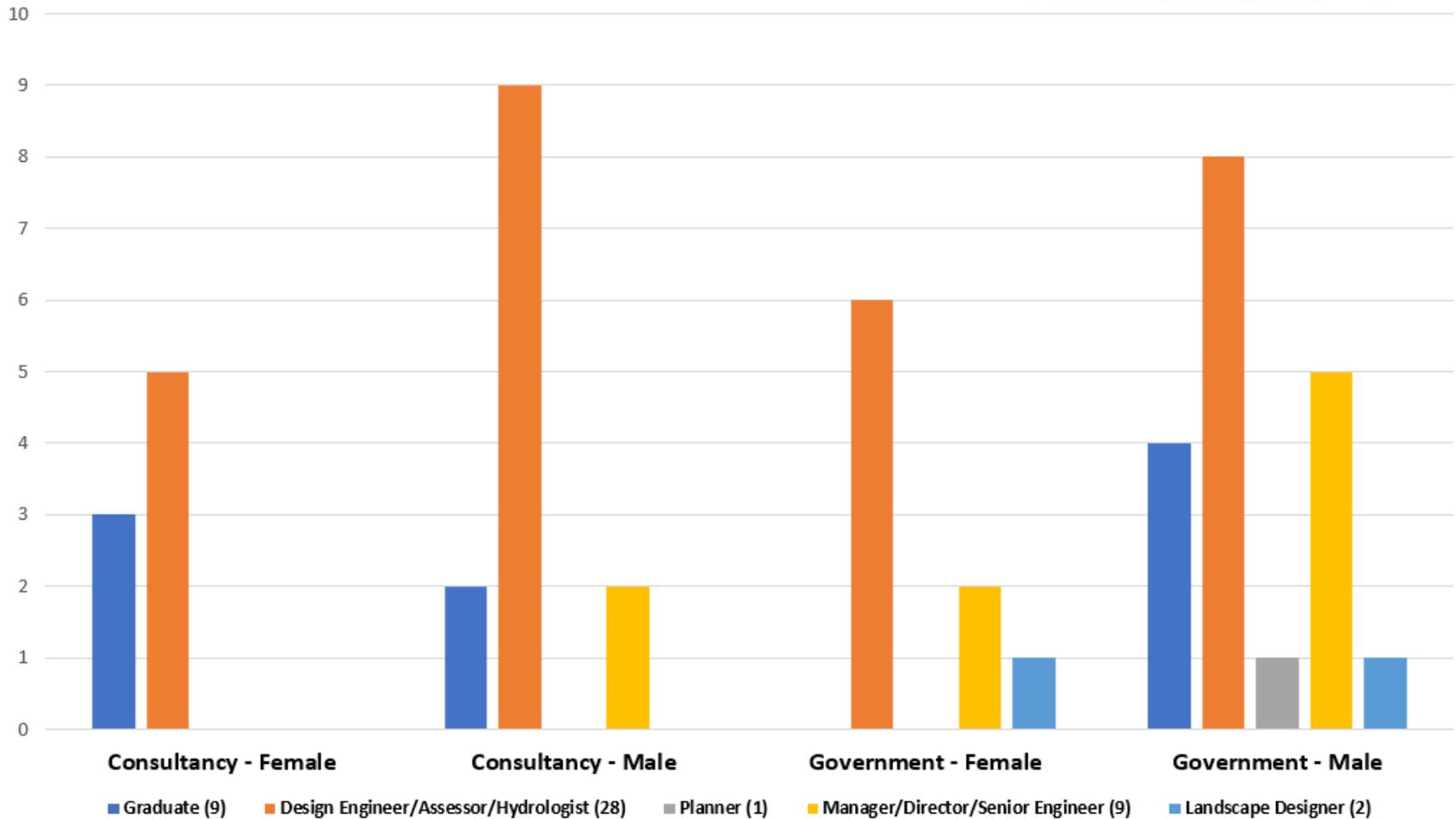


- No Melbourne Water
- 78% < 10yrs experience
- 92% < 10yrs in current role

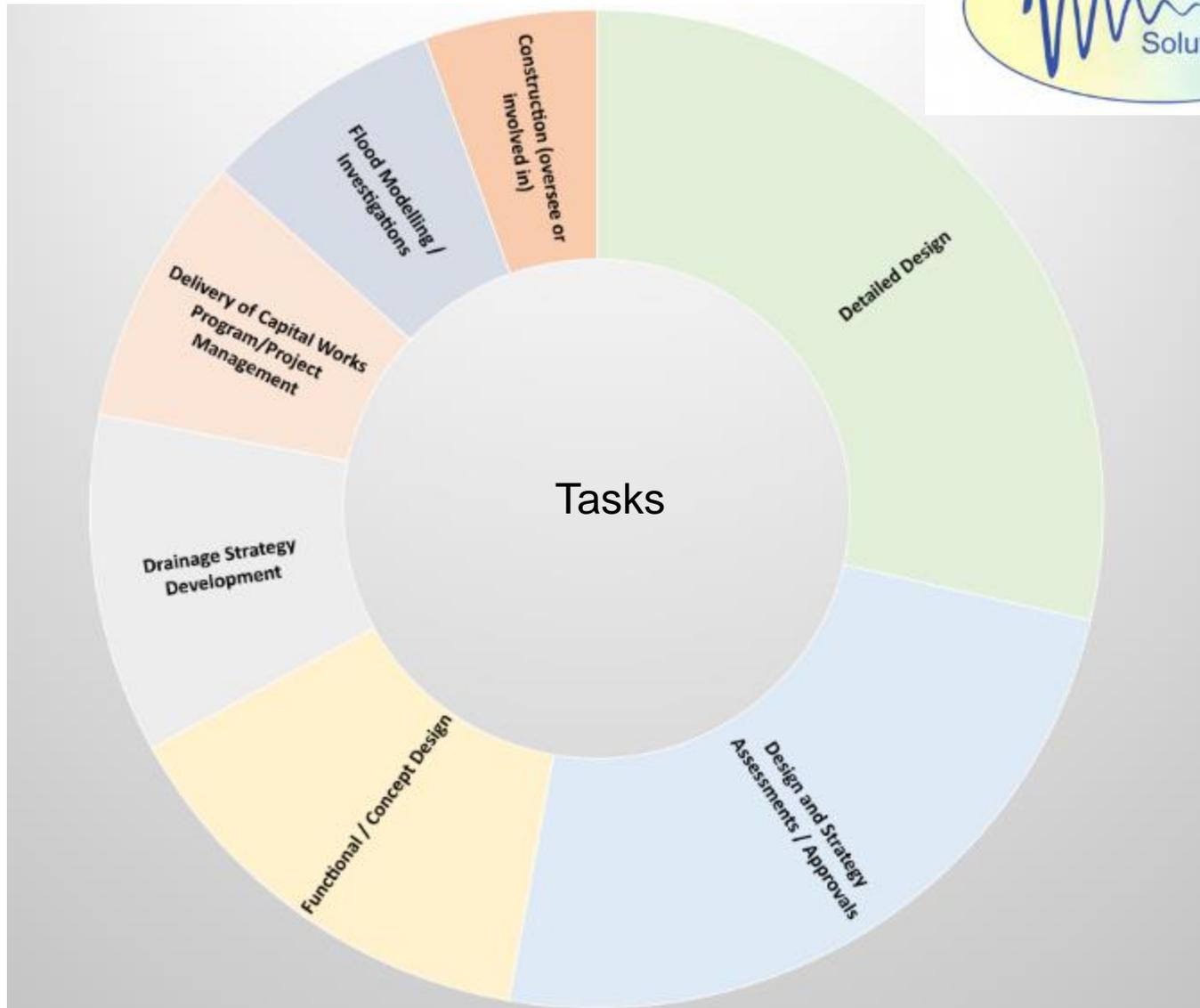
1. Participants



Roles



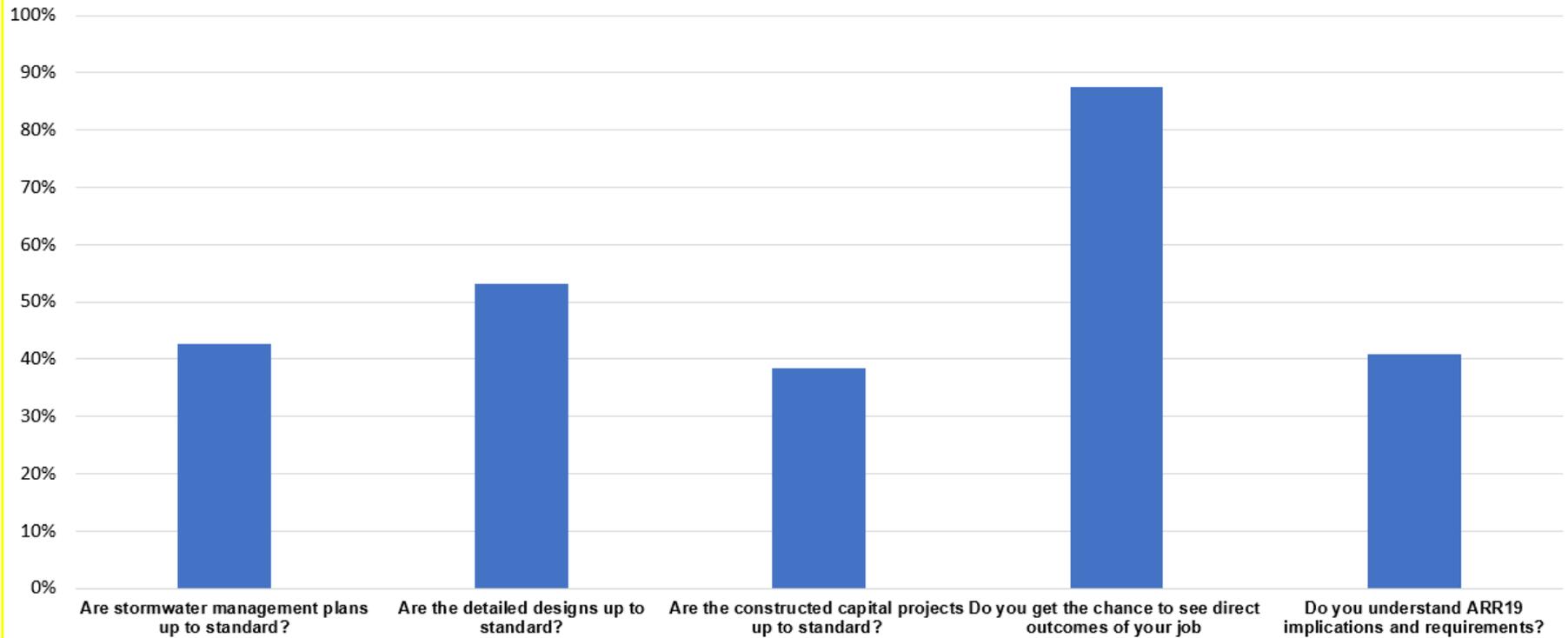
1. Participants



2. Understanding Drainage and WSUD Outcomes



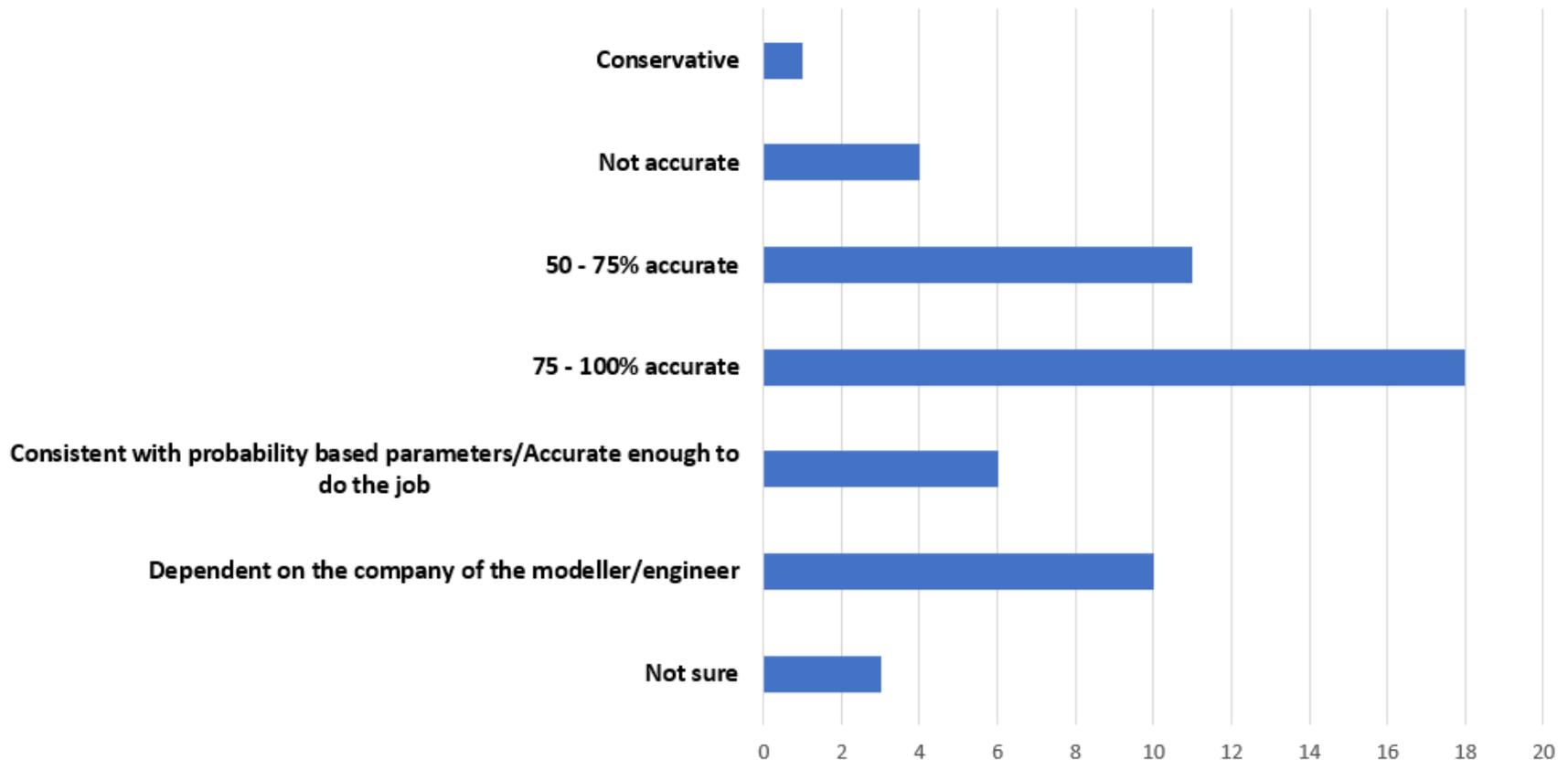
% of
Affirmative Answers



2. Understanding Drainage and WSUD Outcomes



How precise/accurate do you think that the models we use in the drainage industry are (e.g. MUSIC, RORB, Hec Ras, TuFlow, DRAINS etc)?

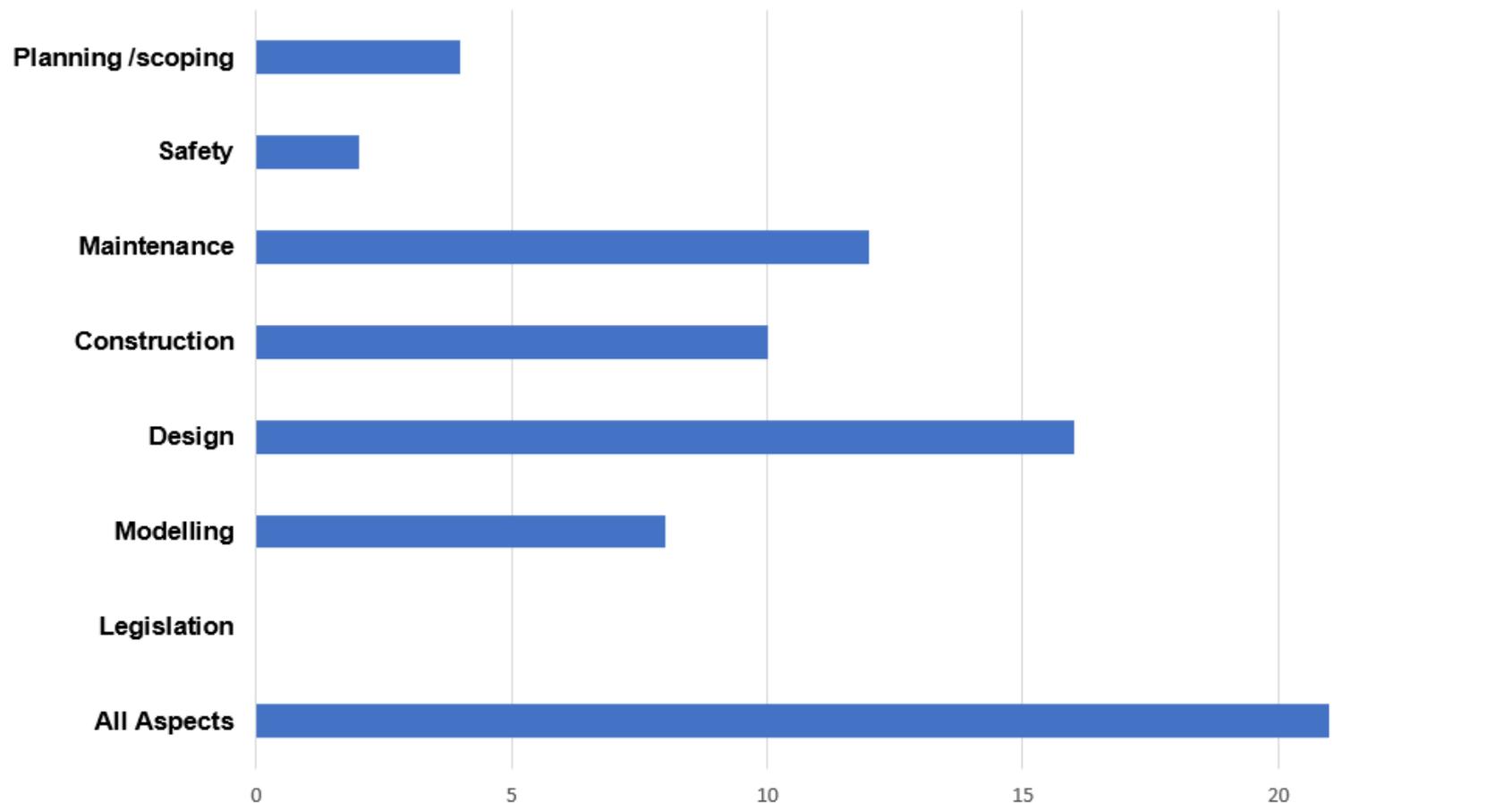


NB: multiple answers could be given

2. Understanding Drainage and WSUD Outcomes



What is the most important aspect of the process in regard to delivering drainage outcomes ?

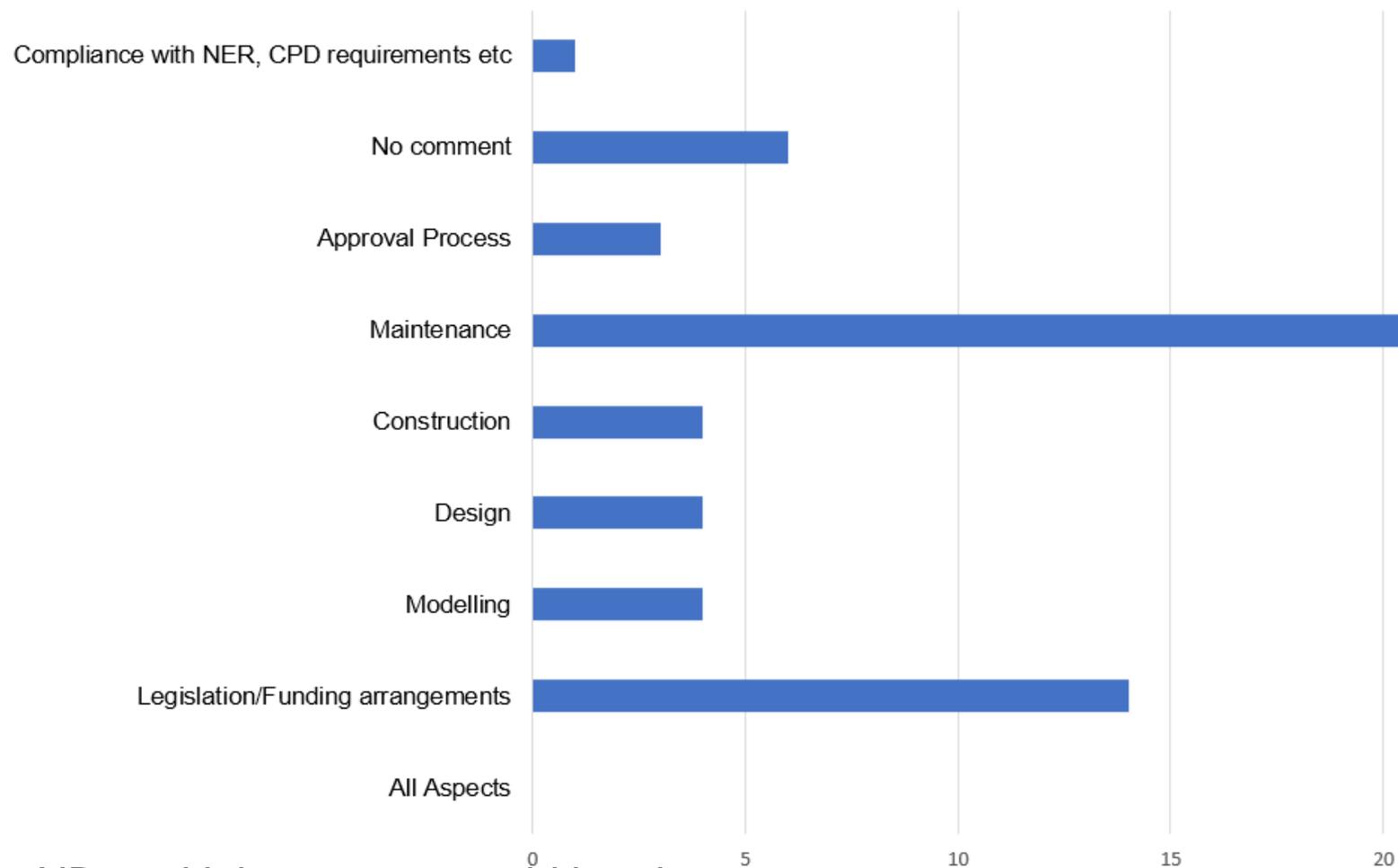


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2. Understanding Drainage and WSUD Outcomes

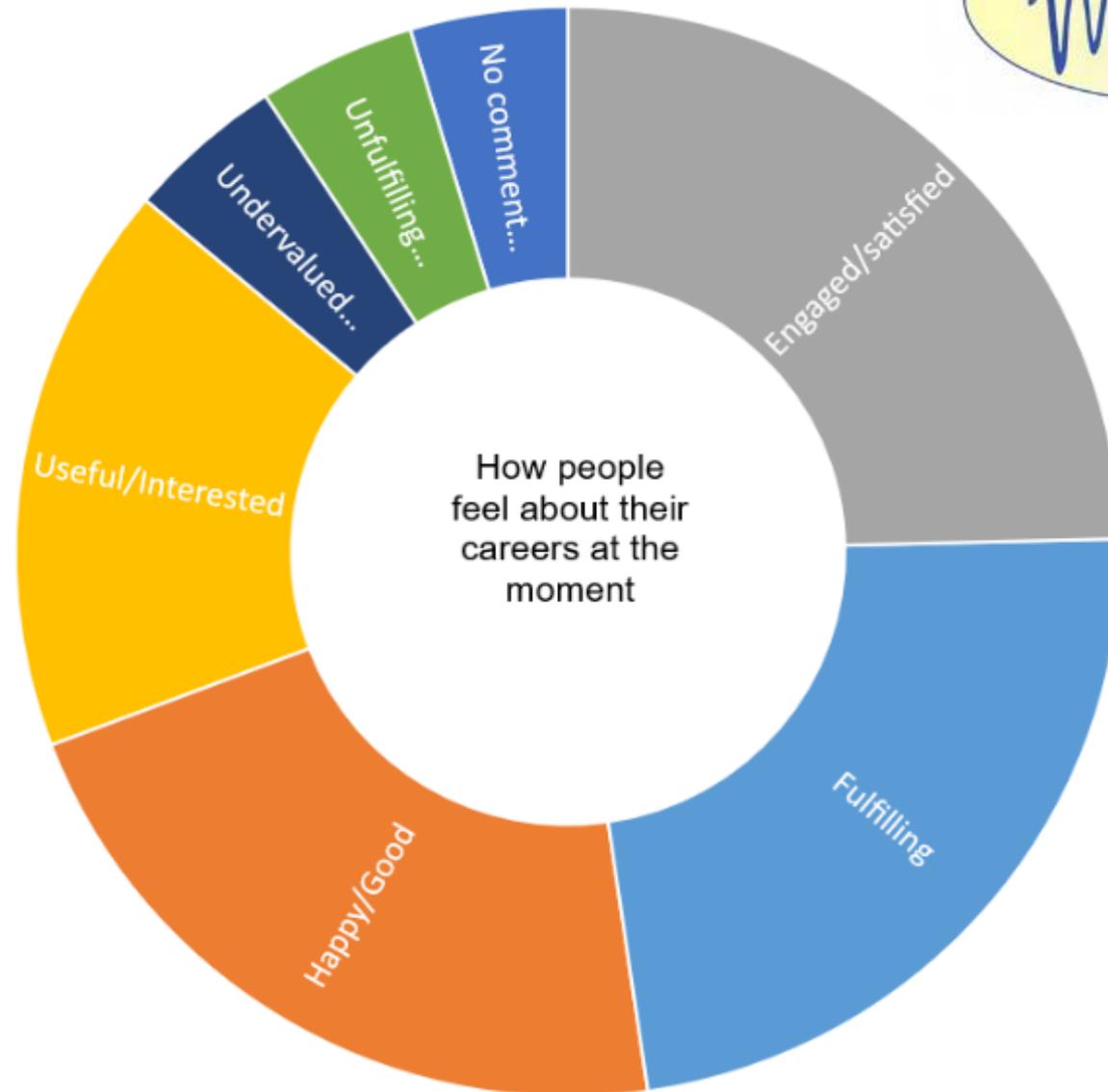


Which part of the delivery process may we not be currently addressing adequately?

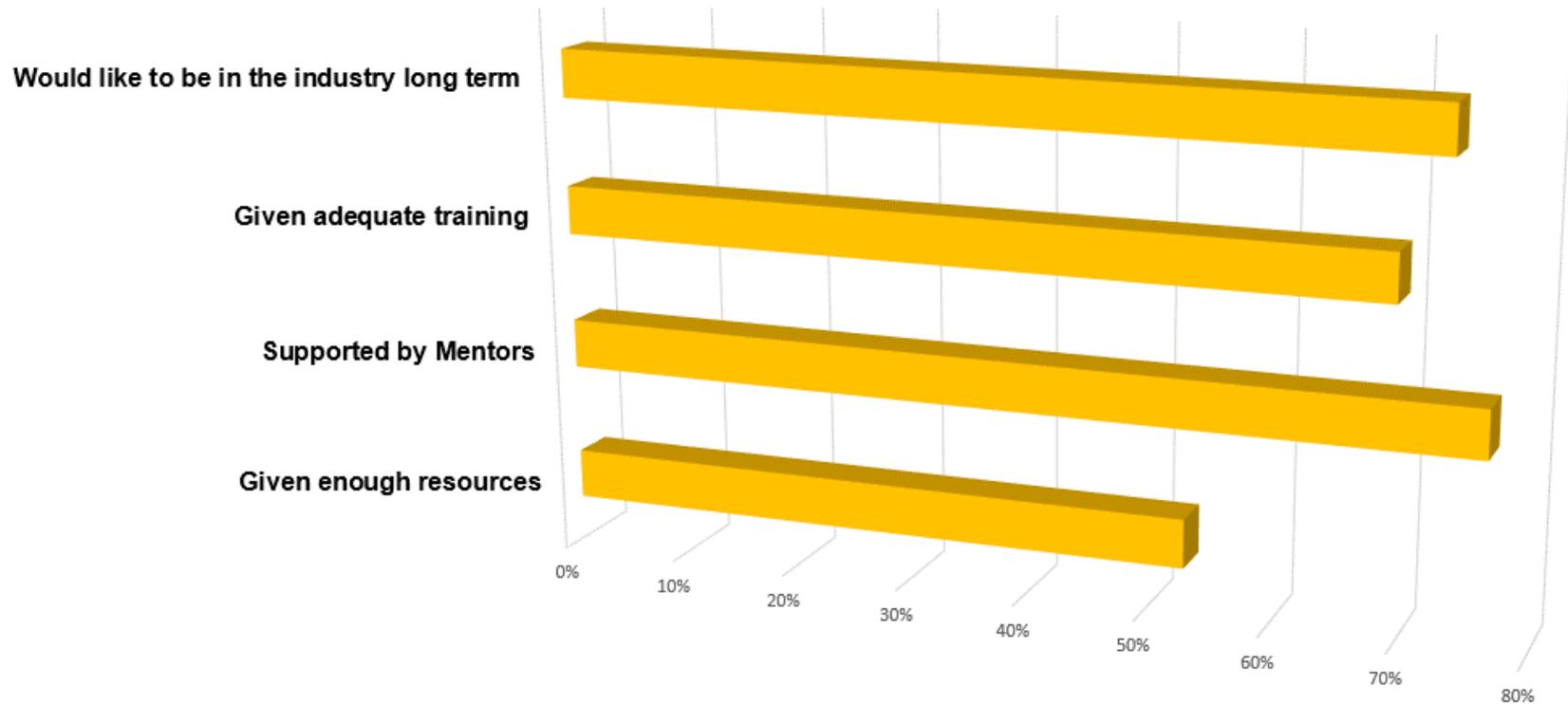


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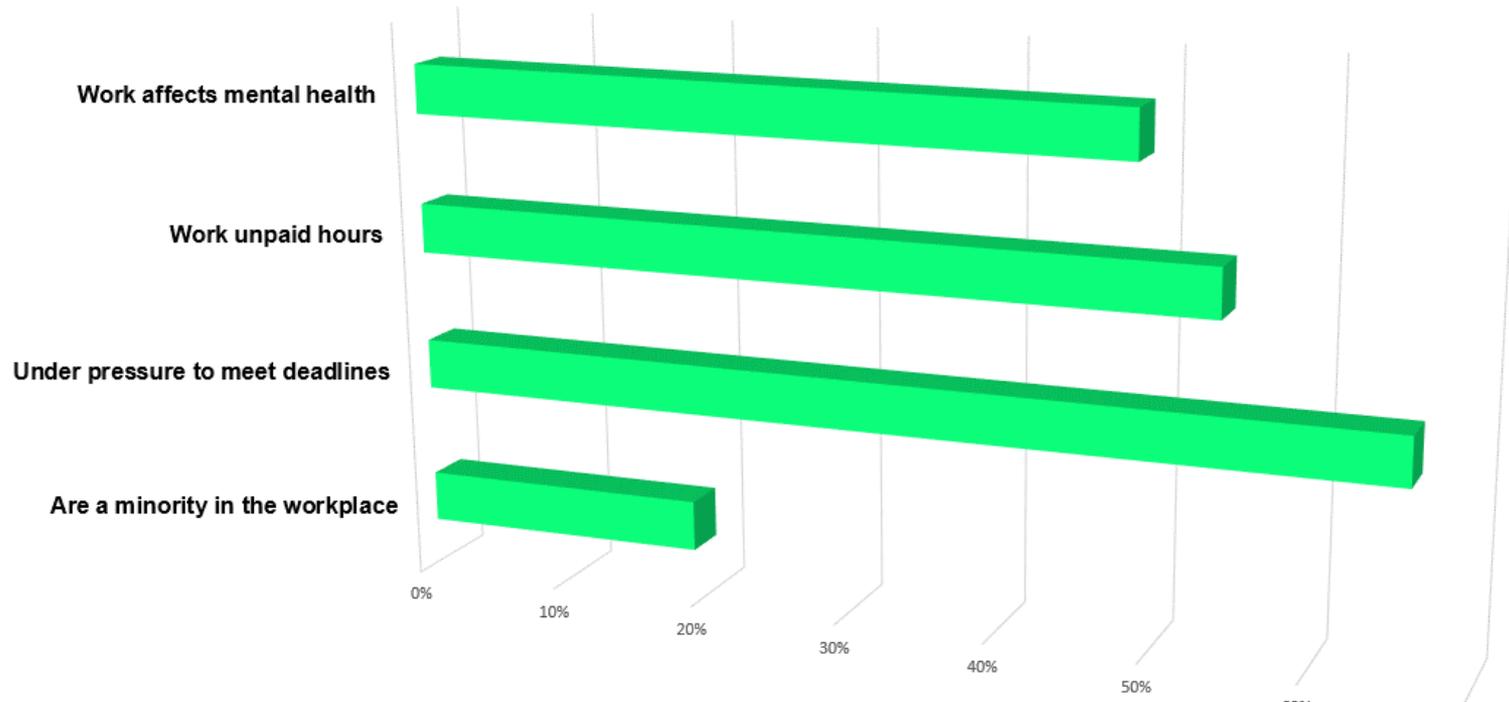
3. Participant Personal Experiences



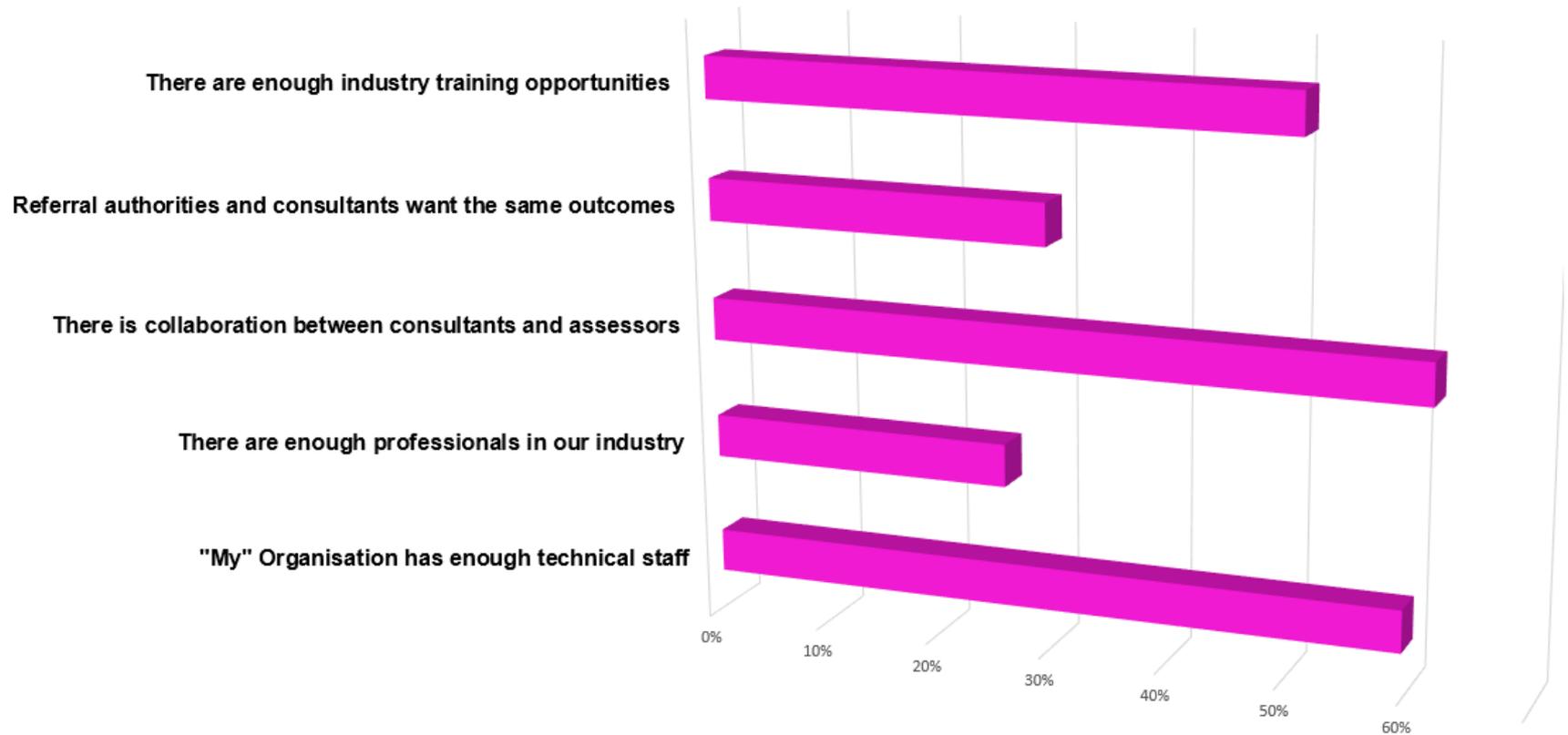
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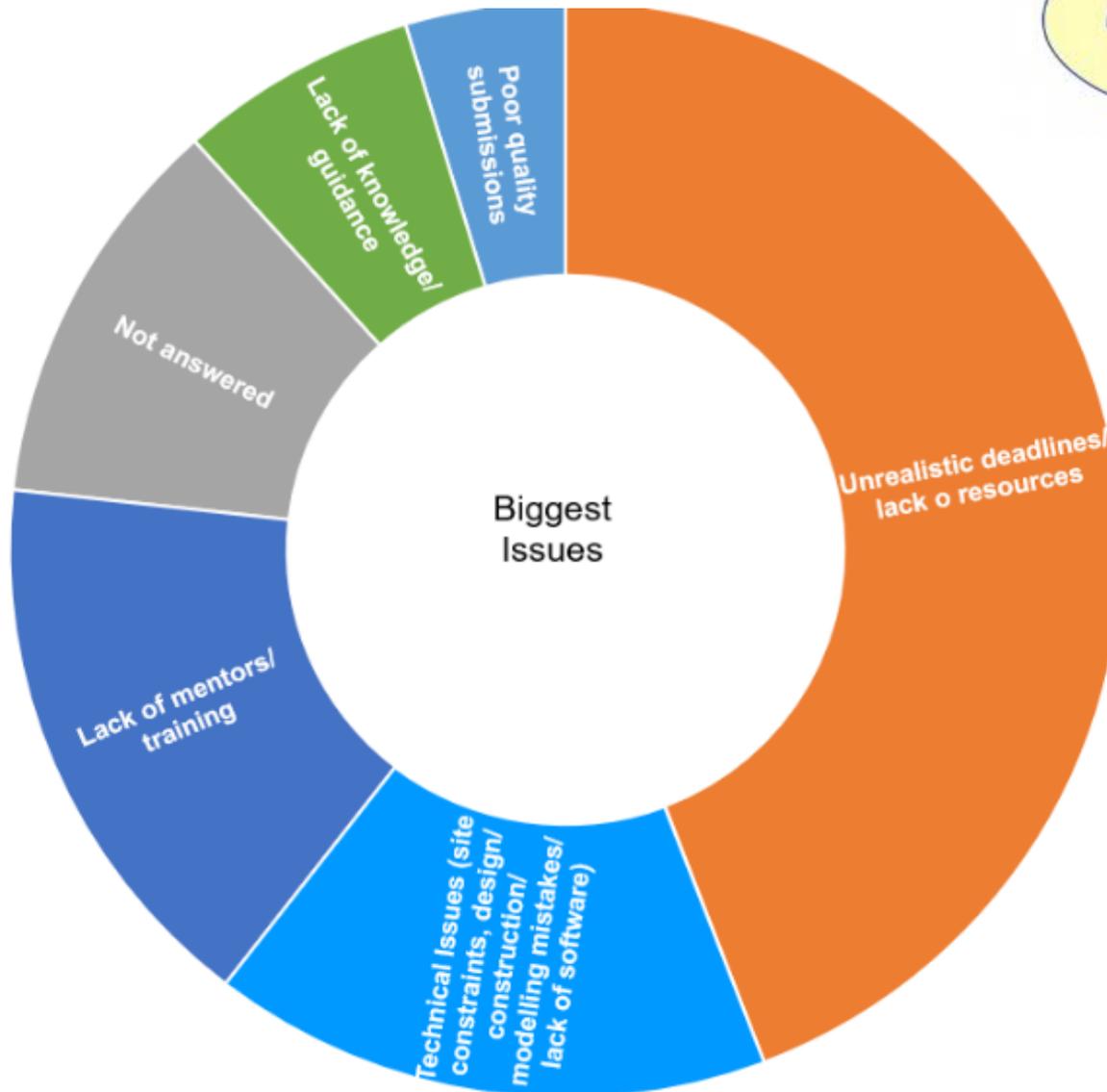
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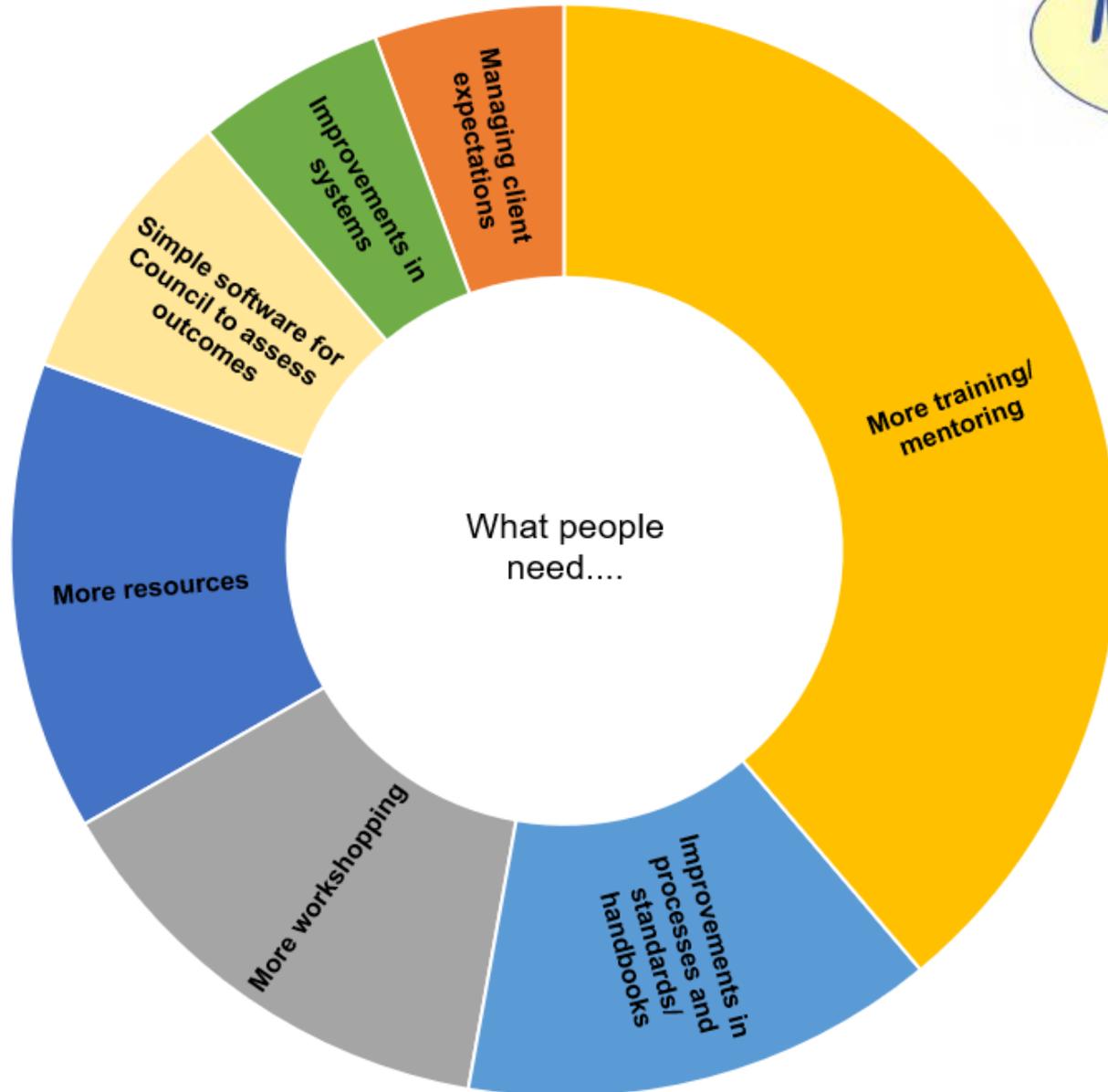
4. Participant Professional Opinions



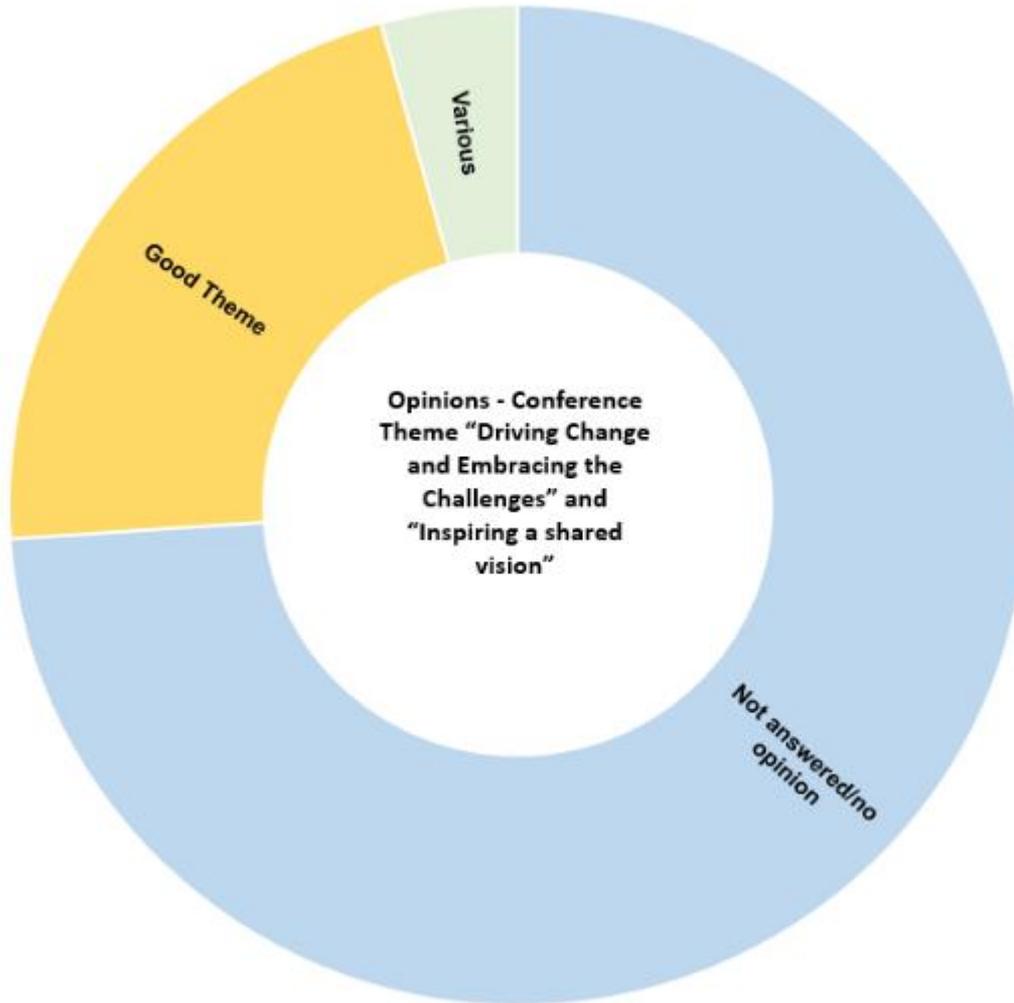
4. Participant Professional Opinions



5. Ways Forward?



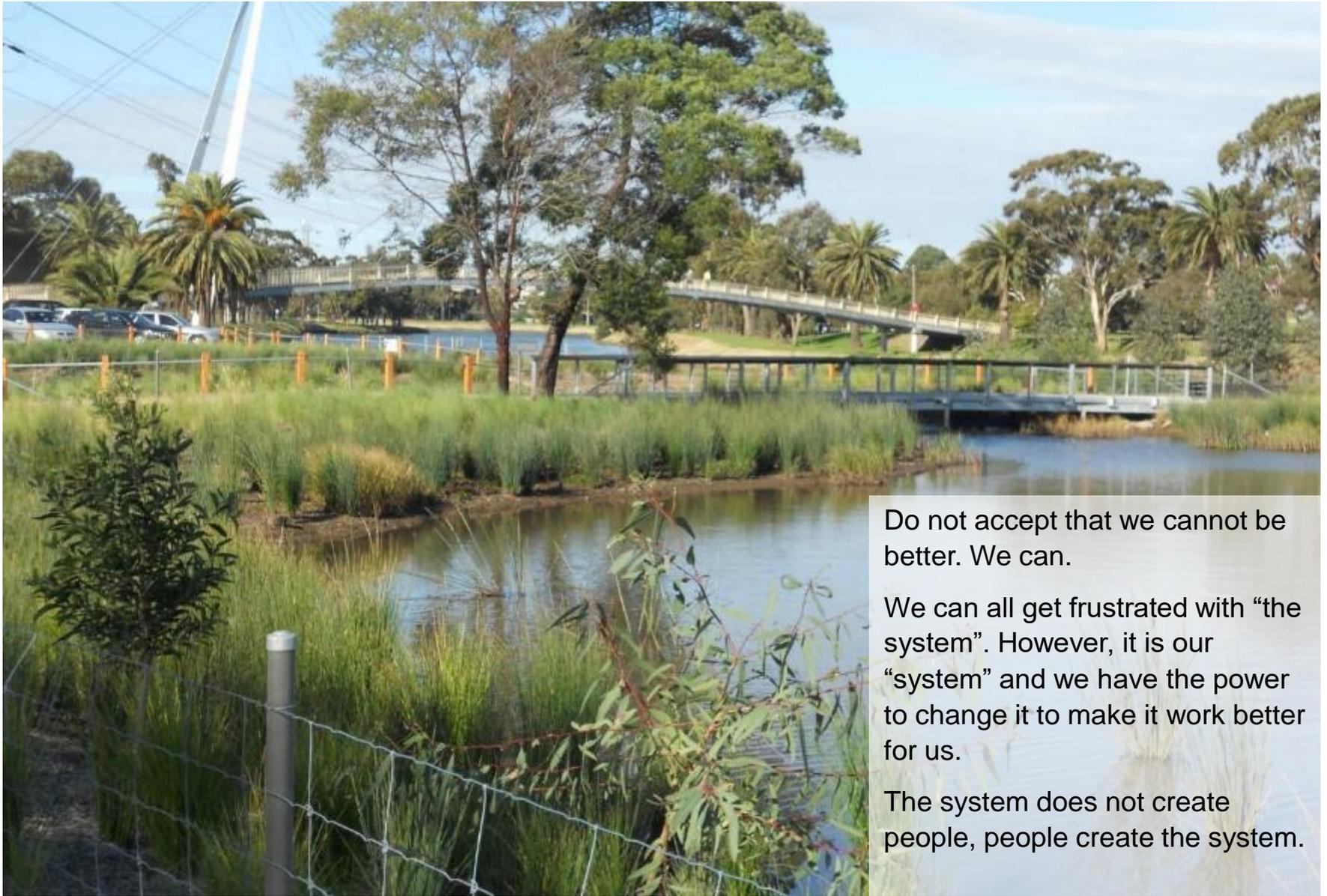
5. Ways Forward?



Comments

- Don't change for changes sake
- Difficult to get a shared vision between developers, modellers and designers
- The statement is very corporate environmentalist
- Standardizing standards and streamline processes
- Ideas are great, action is better.

Conclusions



Do not accept that we cannot be better. We can.

We can all get frustrated with “the system”. However, it is our “system” and we have the power to change it to make it work better for us.

The system does not create people, people create the system.