



The Safe | Smart Sustainable Mining application

Creating an enabling mining environment

March 2025



Background

- The **Safe / Smart Sustainable Mining** app project forms part of the industry funded FOGAP programme
- Aims to improve the enabling environment of employees for safe and stable production
- Can assist an operation to define:
 - What constitutes an enabling environment
 - How do you create an enabling environment
 - How do you verify that working places have an enabling environment



Defining an enabling environment

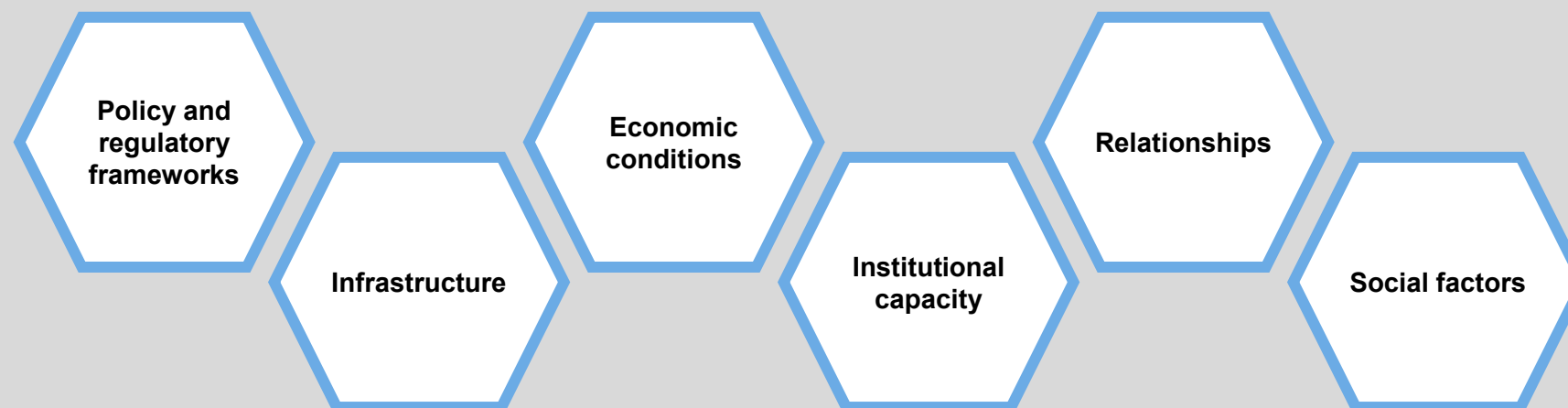
Disabling environment

A disabling environment is where organisational / societal / environmental barriers prevent people, organisations or systems from thriving – where disability is caused by the environment rather than the people in it.

Enabling environment

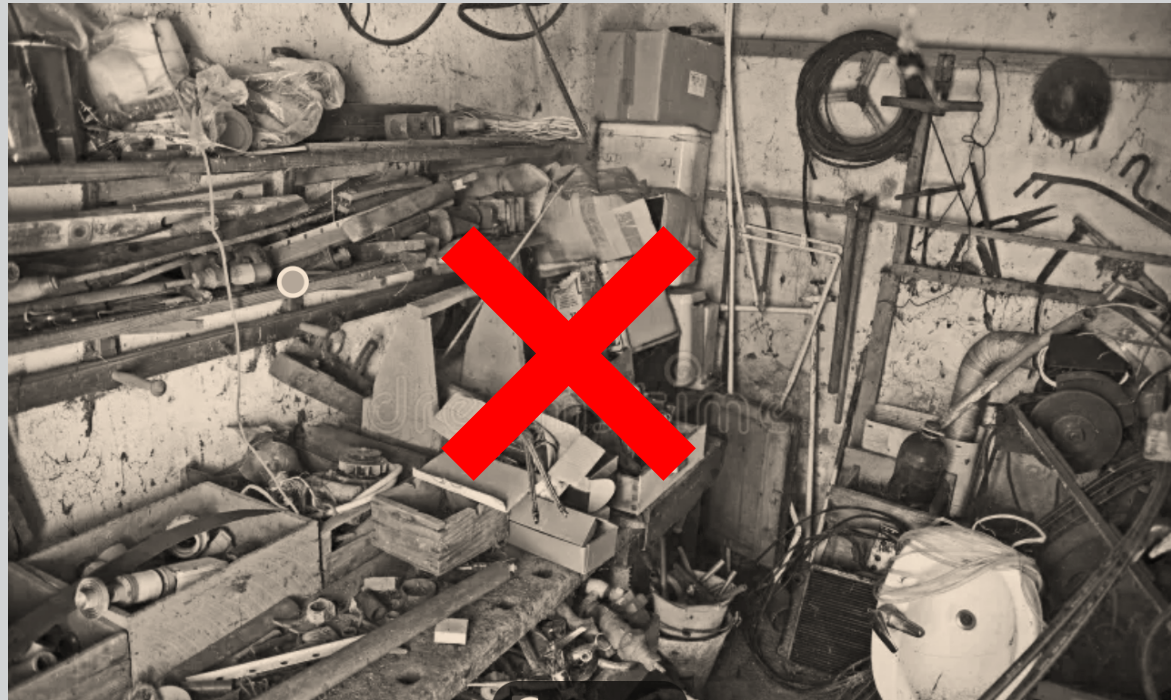
By contrast, an enabling environment is a combination of factors that allows people, organisations or systems to thrive and reach their full potential. It's where conditions are conducive to safety, efficiency, productivity, sustainability, learning and competitiveness.

In the industry, it's where we find harmony between:



Environment examples

Disabling environment



Enabling environment



Mentimeter Questions

We value your insights and participation. Kindly answer the following:



1. What are the physical things that make up an enabling environment?

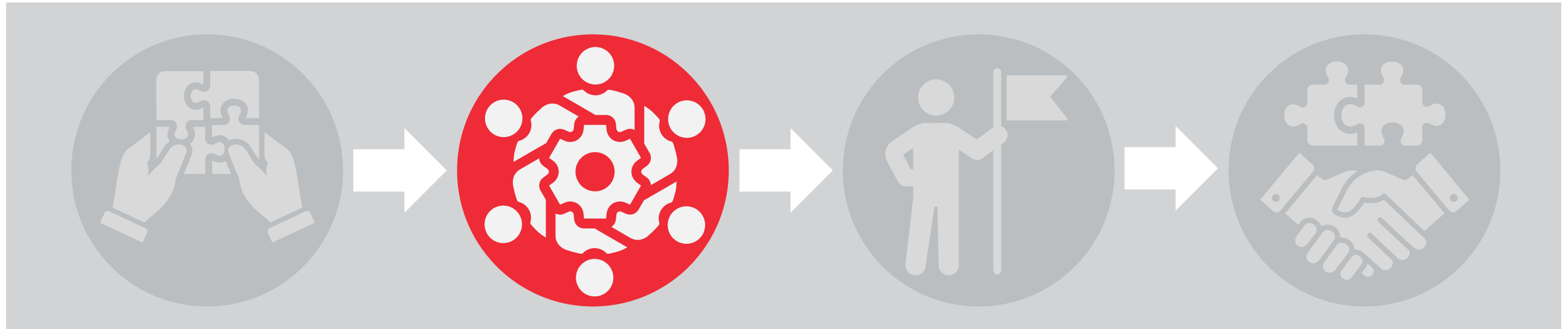
2.

3.

4.

Mentimeter Questions

We value your insights and participation. Kindly answer the following:



1.

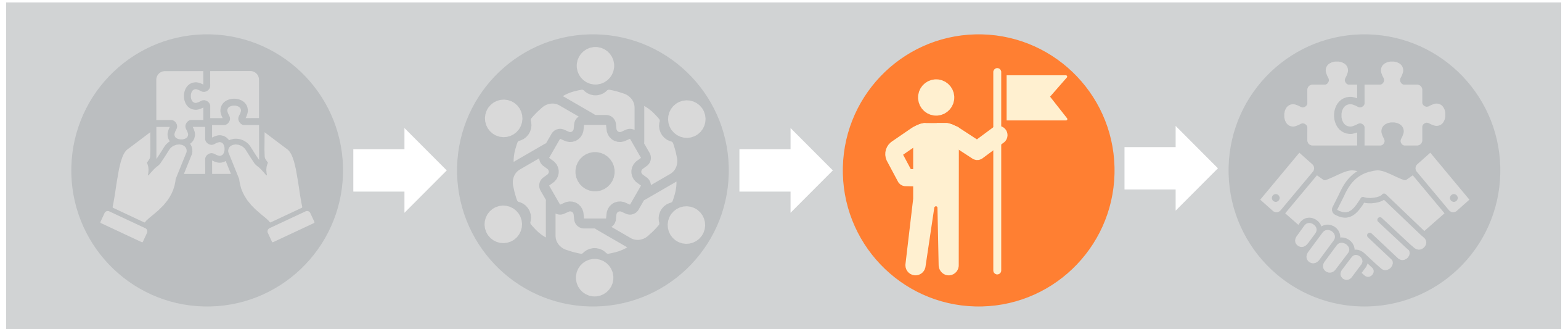
2. What are the people aspects that are important?

3.

4.

Mentimeter Questions

We value your insights and participation. Kindly answer the following:



1.

2.

3. Who is responsible
for creating an enabling
environment?

4.

Mentimeter Questions

We value your insights and participation. Kindly answer the following:



1.

2.

3.

4. How do you create an enabling environment?

Defining an enabling environment

The enabling mining environment

Like a beehive, the mining environment is a complex and highly organised structure with thousands of people working together towards a common goal, where each member has a critical role to play.

Both consist of:

1. A honeycomb – conditions or requirements:



2. Bees – the “how” we create an enabling environment



Interactive web application

MINERALS COUNCIL SOUTH AFRICA Safe | Smart | Sustainable MINING

Login or Create an account to save your hive for future use

Good Housekeeping

Good housekeeping means there is a place for everything and everything in its place at all times. Workplaces, passageways, storerooms, and service rooms must be kept clean and orderly. Effective housekeeping can eliminate most workplace hazards and help get the job done safely. Poor housekeeping frequently contributes to accidents by hiding hazards

How is housekeeping in your environment?

	NO	YES
Blasting ore cleaned	☐	☐
Material stored properly, nothing laying around	☐	☒
No excessive water on roadways/ haulages	☐	☒
No rubbish lying around	☐	☒
Proper cable suspension	☐	☐

Save my answers

CHECKLIST 9/18

Connect with us Need help? Need access?

- The bees and the cells in the comb are clickable for more information
- Each aspect has an easy-to-use checklist for the user to self-assess how enabling their environment is.

Interactive web application



- As the user engages with the web application, they acquire points by completing checklists.
- Get tips on how to get more points and make their environment more enabling.
- The application gives user the functionality to email themselves their hive report thus making it easy to share amongst colleagues in the workplace.

This information is private, and only available to the user, unless you choose to register for further features

Interactive web application



MINERALS COUNCIL SOUTH AFRICA | Safe | Smart | Sustainable MINING

Login or Create an account to save your hive for future use

Create your account

While you are free to interact with this application anonymously, should you want to save your progress for your next visit, we recommend creating an account.

First name

Last name

Email address

Job title

Company

Operation

Level

Create my account

Connect with us
f in X

Need help?
Frequently Asked Questions
Report a problem

Need access?
The Minerals Council Occupational Health and Safety team preloads authorised mine level management

- By registering an account, a user can:
 - Save their progress for a future visit
 - Customise their Enabling Environment
- When users register, the system will save data to the database, giving FOGAP administrators:
 - Insights into how enabling users perceive their environments to be
 - Insights into how users are customising their enabling environment

A host of potential benefits



The **Safe | Smart Sustainable Mining** app

- Can be used as communication tool to create context
- Can be used to facilitate Team interviews/workshops
- Can be adjusted to be a more quantitative assessment i.e. detailed checklists
- Can be used as part of training and development
- Could potentially replace other management processes
- Can be used during incident and accident investigations to ensure identification of root causes



Way forward

A call to our members to assist us to realise the app's full current and future potential



We invite you to engage with the app and provide comments towards establishing the following:

Any components that have been missed?

Can this be a useful tool for industry, i.e. supplementing or replacing existing management processes?

If yes, what could be changed or included?

Send your feedback to:
enablingenvironmentsupport@mineralscouncil.org.za



Thank you

#MiningMatters

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