

# Kora Testing

Taranaki Test Professionals Meet Up  
March 2023



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# Introduction

*Who is Methanex?*



# Introduction

Who is Methanex? Continued...



We employ over

270 jobs directly & 3,000 jobs indirectly



Our contributions to the economy total

**8%** of Taranaki GDP

**\$834m** Nationally

Methanex is New Zealand's **only** methanol producer, exporting up to **2.4 million tonnes per year** from our two sites in Taranaki.

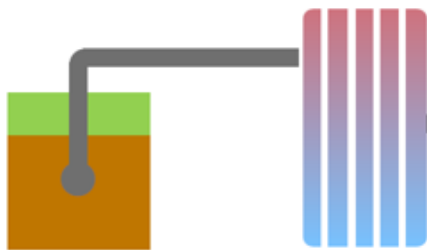


Our key markets in New Zealand are **China, Japan and Korea.**

# Introduction

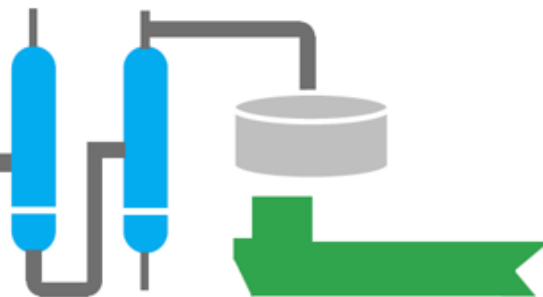
*How we produce methanol*

Natural gas and steam combined under heat to make Synthesis gas.



Synthesis gas compressed and converted to Methanol with some water by-product.

Methanol separated through distillation and piped or shipped to our customers



**Responsible Care<sup>®</sup>**  
Our commitment to sustainability.

# Current Project Management

## *Project Methodology*

1. The Project Management Office is being re-established. (Global)
2. Primary Project Management Methodology is being reviewed / updated. (Global)

## *Project Roles*

1. Project Manager - contracted
2. Business Analyst
3. Subject Matter Expert
4. Technical / Infrastructure

Complicated system | Development Solution  
No specific Testing Expertise.

# Why testing was needed

## Gap Analysis



1. Full end to end complex development project
2. Bridge between SME knowledge and technical
3. Project experience – understanding and knowing the project processes
4. Coaching, guidance and discussion on functionality, capability and testing methods
5. Eliminate waste (time)

# What are we trying to achieve?

## *Objectives*

Our key objectives are to ensure that the system:

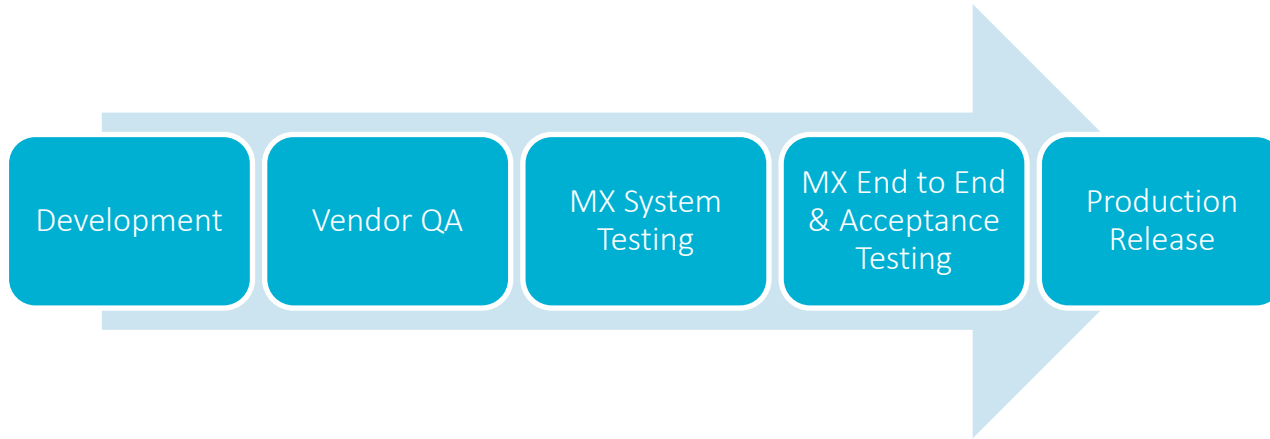
1. meets Methanex's business requirements; and
2. does not expose Methanex to any unacceptable risks.

## *Goals*

1. Test the business processes
2. Test the integrations
3. Provide stable releases that will not impact operations



# Process Summary





# Test Approach

- Reviewed business requirements
- Mind mapped business processes/user

Learning



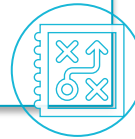
- Generated Test Ideas

Modelling



- Executed test cases
- Raised defects

Performing



- Defect management
- Reported on results

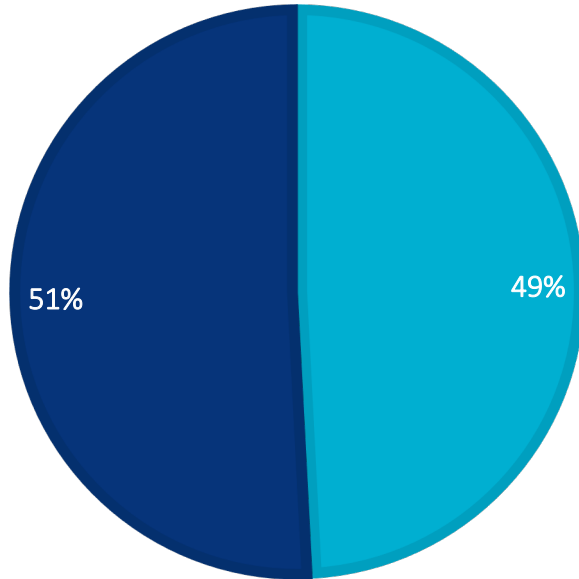
Feedback



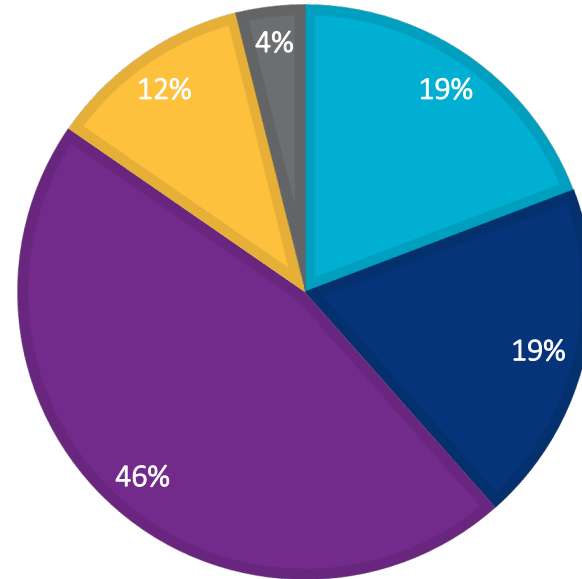
# Statistics

## User Stories vs Defects

■ User Stories ■ Defects



■ Highest ■ High ■ Medium ■ Low ■ Lowest





# Thank you

## Investor Relations

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 [www.methanex.com](http://www.methanex.com)

 [linkedin.com/company/methanex-corporation](https://www.linkedin.com/company/methanex-corporation)

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