

# 1.0 Introduction to GitLab

- Source control involves using software tools to track and manage changes to source code and other digital assets
- The primary goal of source control in an organization is to ensure that changes to digital assets are tracked and managed in a systematic way
- Source control systems provide a centralized repository where all versions of the digital assets are stored, along with information about who made each change, when the change was made, and why it was made

## Solvay gitlab instances



## Roles in solvay gitlab

### Role-Based Access Control

- OWNER** (green box): Has full control over the GitLab group, including managing other users in the group, creating and managing projects, and configuring settings
- MAINTAINER** (orange box): Has full control over a specific project or group, including the ability to add and remove users, create and manage issues, and merge code changes
- DEVELOPER** (blue box): Has read and write access to a specific project or group, including the ability to create and manage issues and merge code changes

## Group and Project structure in solvay gitlab

### Group & Project structure

- GROUP** (purple box): A collection of projects, users, and subgroups that share a common purpose or goal
- SUB GROUP** (yellow box): Each subgroup can have its own projects and users
- PROJECTS** (brown box): A repository for source code, documentation, and other related files

