

# Case Study

# NGI

## NGI chooses Maconomy for improved project management and reporting



**When Norwegian Geotechnical Institute (NGI) needed a corporate infrastructure that would support its extensive research and consulting projects and minimize reporting cycles, they chose a Maconomy solution. With Maconomy, NGI is now able to direct project-related information quickly and easily to project managers, greatly enhancing project control across the organization.**

Norwegian Geotechnical Institute (NGI) is a private consulting, research and development foundation with core competencies in the fields of geotechnical engineering, engineering geology, hydrogeology, and environmental geotechnology. NGI has extensive expertise in the areas of material behaviour, modeling and analysis, and instrumentation and monitoring.

“Thanks to the competencies and experience gained from projects in Norway and abroad, NGI has gained international recognition and a prominent position in its field. We run between 600 and 800 projects

of varying size and complexity every year. In this highly competitive environment, we were looking to establish a corporate infrastructure that would support our research and consulting efforts,” says Linda Hårvik, Division Director at NGI. Maconomy’s success in the research world did not go unnoticed by NGI.

Prior to investing in Maconomy, NGI had a number of administrative systems that could not speak together, highlighting the need for a comprehensive solution that could streamline internal processes around project management. NGI has now discarded their old accounting system and is using

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Maconomy as the backbone of its organization.

“The ability to capture all project-related information in one system was key for us in selecting Maconomy. We have successfully integrated Maconomy into our groupware and payroll systems to give us a comprehensive tool for running a project organization. In the future, we believe the ability to support remote workers via the Web will be equally important in providing our organization with a great deal of flexibility,” says Inger Kristine Tovslid, Finance Department at NGI.

#### **Improved communication between finance and project management**

Easy registration of the time used on individual projects has made communication on project economy between the finance department and project managers much easier. Registration of time was previously done on paper but is now conducted electronically in Maconomy and is a much less cumbersome process. Approval procedures are done online and have

minimized reporting cycles to give better insight into projects at any given time.

“Communication efficiency, between Project Management and Finance, with regard to project accounting has been greatly improved.” says Tovslid. “We are now running one financial model for the entire organization, which gives instant access to real-time information on individual projects. We are able to streamline our month-end closing and avoid 2-week reporting cycles in our finance department as Maconomy allows for registration, invoicing and reporting to be conducted a lot faster.”

#### **Reporting improved significantly with Maconomy**

Maconomy’s reporting facilities have proved highly flexible and have provided NGI with the ability to quickly extract relevant information on the status of projects, budgets, etc. to the organization. Before, the Finance Department generated an overflow of paper reports for finance and project management. Now any employee can easily access reports. Instead of pushing large and complex paper reports

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through the organization, employees can ‘pull’ relevant reports because any report can be generated every day and needs no further refining before being published in the organization. Separate bookkeeping, which previously was done by project managers in their own individual spreadsheet systems, has now been almost completely eliminated.

### **Maconomy – a corporate backbone for managing projects**

“Since NGI aims to be an international forum for geo-related research and consulting, running multiple projects requires an infrastructure that allows for close interaction with clients to ensure that projects are run effectively. With Maconomy, we have the corporate backbone to support this. Employees across our organization have welcomed Maconomy and we now have a tool which improves the delivery of projects while giving NGI better insight into project-related information at any given time,” says Hårvik.



*Inger Kristine Tovslid,  
Finance Department, NGI  
and  
Linda Hårvik,  
Division Director, NGI.*

#### **Benefits from investing in Maconomy**

- Eliminates manual work throughout the project management process by automating key workflows such as time registration and reporting
- Reduces month-end closing due to faster registration, invoicing and reporting
- Makes information readily available to all employees using Maconomy’s reporting capabilities
- Allows better collaboration between project managers and finance on projects

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**About NGI:**

*Norwegian Geotechnical Institute (NGI) is a private consulting, research and development foundation with core competencies in the fields of geotechnical engineering, engineering geology, hydrogeology, and environmental geotechnology. NGI has extensive expertise in the areas of material behaviour, modeling and analysis, and instrumentation and monitoring.*

*For more information: [www.ngi.no](http://www.ngi.no)*

