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# Master thesis: Modelling energy consumption in the canton of Basel-Landschaft

## Version control

Version control is done with github.

## Initial setup

For easy use of are and github, I use the `usethis` library

```
install.packages("devtools")
library(usethis)
```

Initial setup:

```
usethis::create_github_token()
• Call `gitcreds::gitcreds_set()` to register this token in the local Git credential store
  It is also a great idea to store this token in any password-management software that you use
  Opening URL 'https://github.com/settings/tokens/new?scopes=repo,user,gist,workflow&description='
> gitcreds::gitcreds_set()

? Enter password or token: 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
-> Adding new credentials...
-> Removing credentials from cache...
-> Done.
> gh::gh_whoami()
{
  "name": "Luca Hüsler",
  "login": "lucahuesler",
  "html_url": "https://github.com/lucahuesler",
  "scopes": "gist, repo, user, workflow",
  "token": "ghp_...udtL"
}
```

After the initial setup, we can use github for our R projects.

Local setup:

```
usethis::use_git()
```

For the remote git, we use:

```
usethis::use_github()
```

## **Reproducibility**

For reproducibility, the `renv` package is used.