

# VedaR – an R package for analysing TIMES data

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Iris Oren

Operational Research Analyst  
Energy & Climate Change Analysis –  
Scottish Government

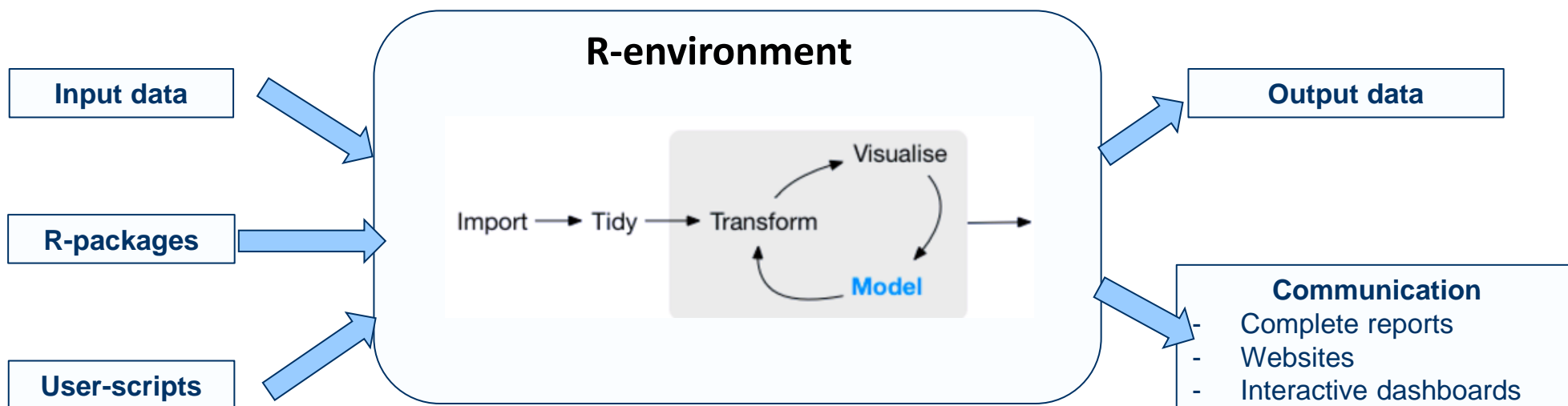
[Iris.Oren@gov.scot](mailto:Iris.Oren@gov.scot)



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# R – what and why?

- Language and environment for statistical computing and graphics
- Flexible: users write code to meet requirements
- Powerful: tens of thousands of packages (and growing)
- Open-source: anyone can contribute to development

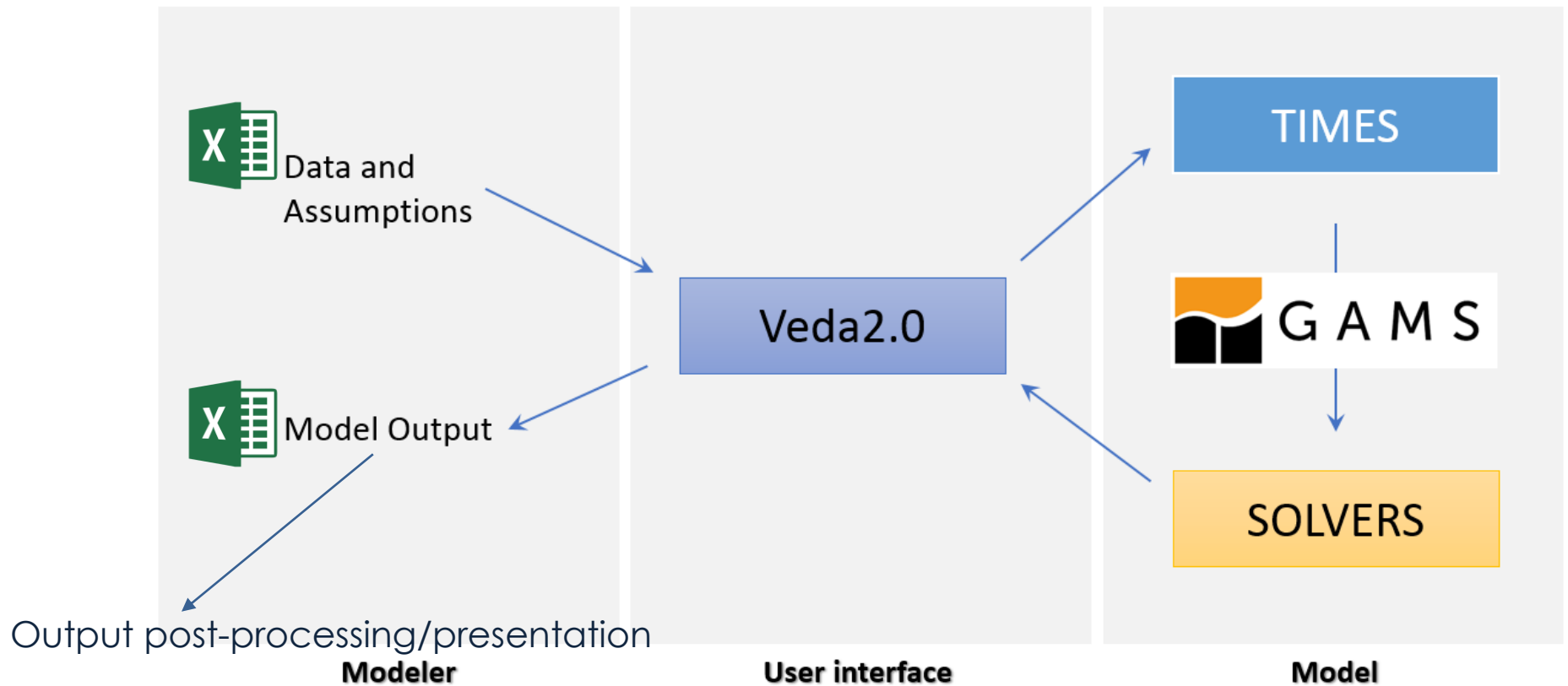


- Reproducible analysis: Anyone with input data + scripts can replicate results

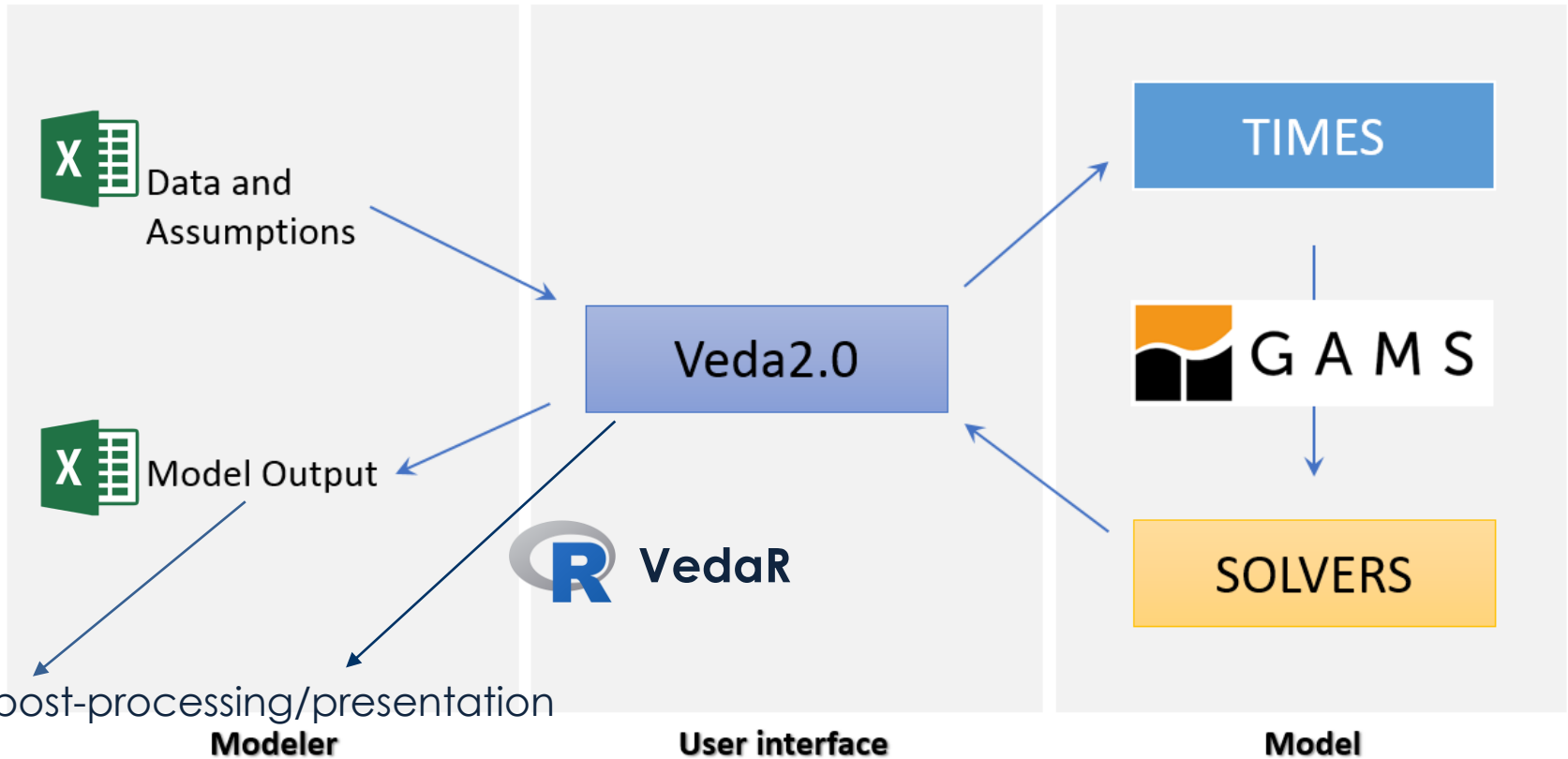
<https://rviews.rstudio.com/2017/06/08/what-is-the-tidyverse/>



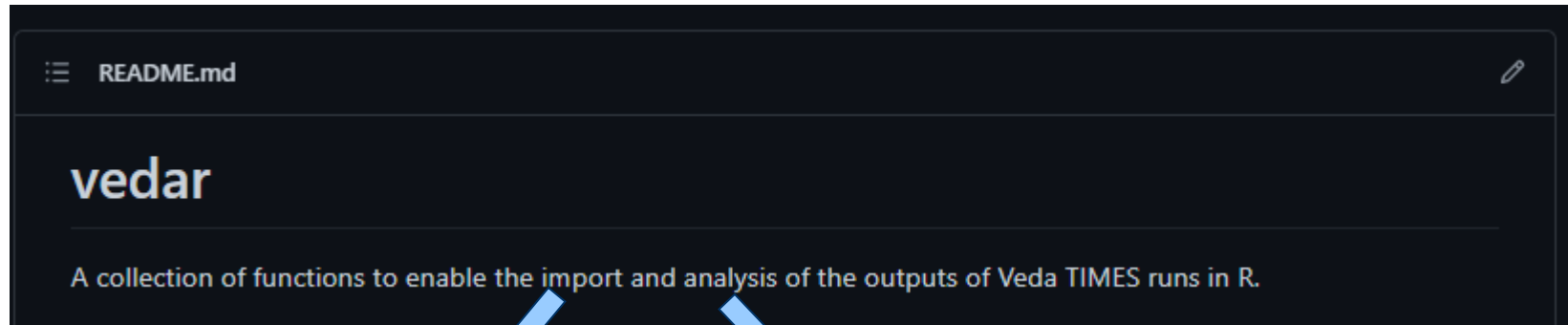
# Veda-TIMES workflow



# Veda-TIMES workflow



<https://github.com/DataScienceScotland/vedar>



## Import

- `import_vd()`
- `import_vde()`
- `import_vds()`
- **`prep_data()`**
- `define_sector_from_list()`

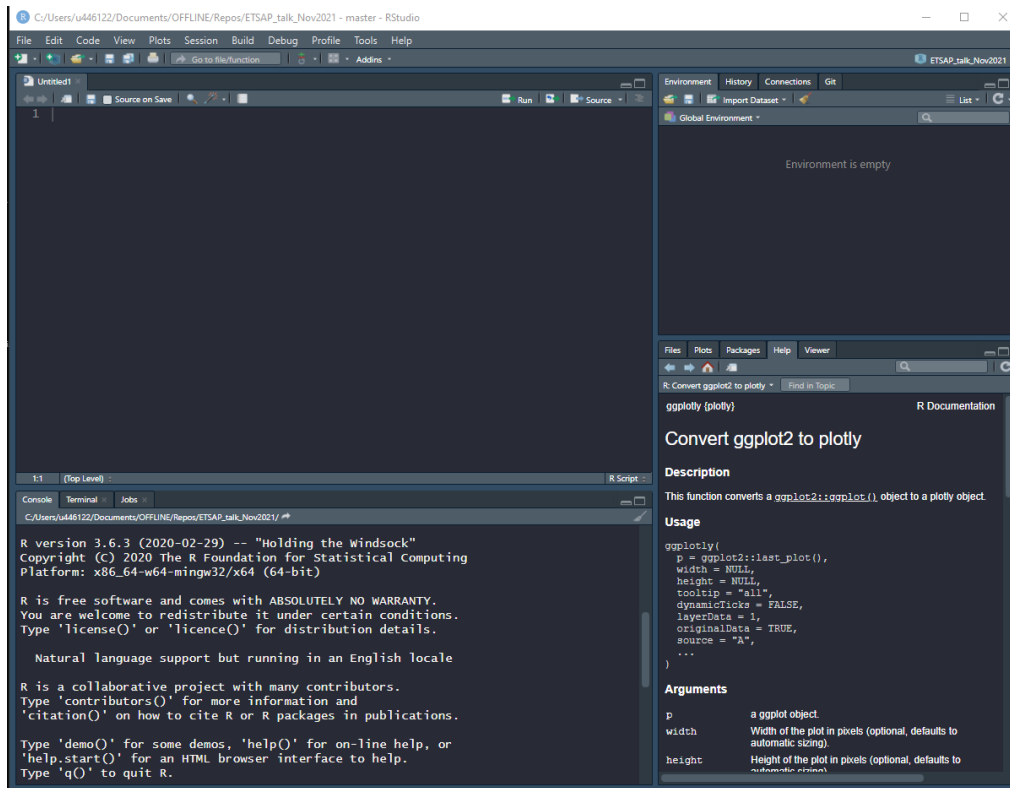
## Analysis

- Any R-based analysis/data visualisation
- **`make_graph_from_veda_df()`**
- **`check_in_path()`**
- **`make_res()`**
- `syscost()`



## Requirements

1. [R \(v3.6.3 or later\)](#)
2. [RStudio](#) : Integrated development environment for using R



3. [Install VedaR](#)
4. Install any additional packages as required (`install.packages("package_name")`)

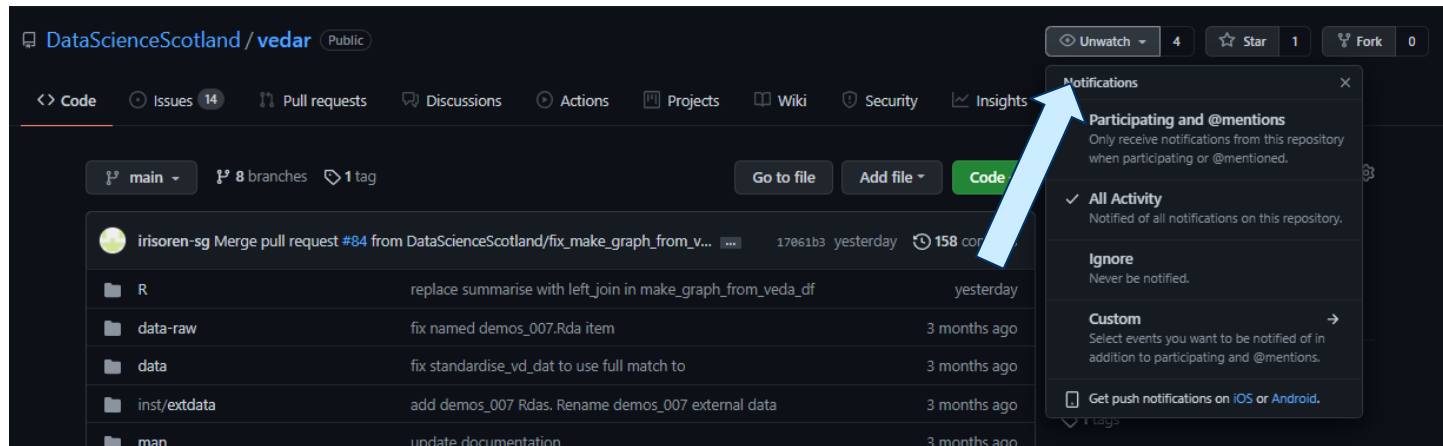


## Demo



# Keeping up to date with VedaR

- Under development
- Get notified of updates by watching repo (you will need to be logged in to your GitHub account)



- Refer to the vignette file(s) to learn how to use functions.





- Numerous additional features planned (see [GitHub issues page](#))
- Anyone can contribute!
  - Contributions to code
  - Feedback on existing functions
    - Issues/bugs
    - Usability
  - Suggest additional functionality

