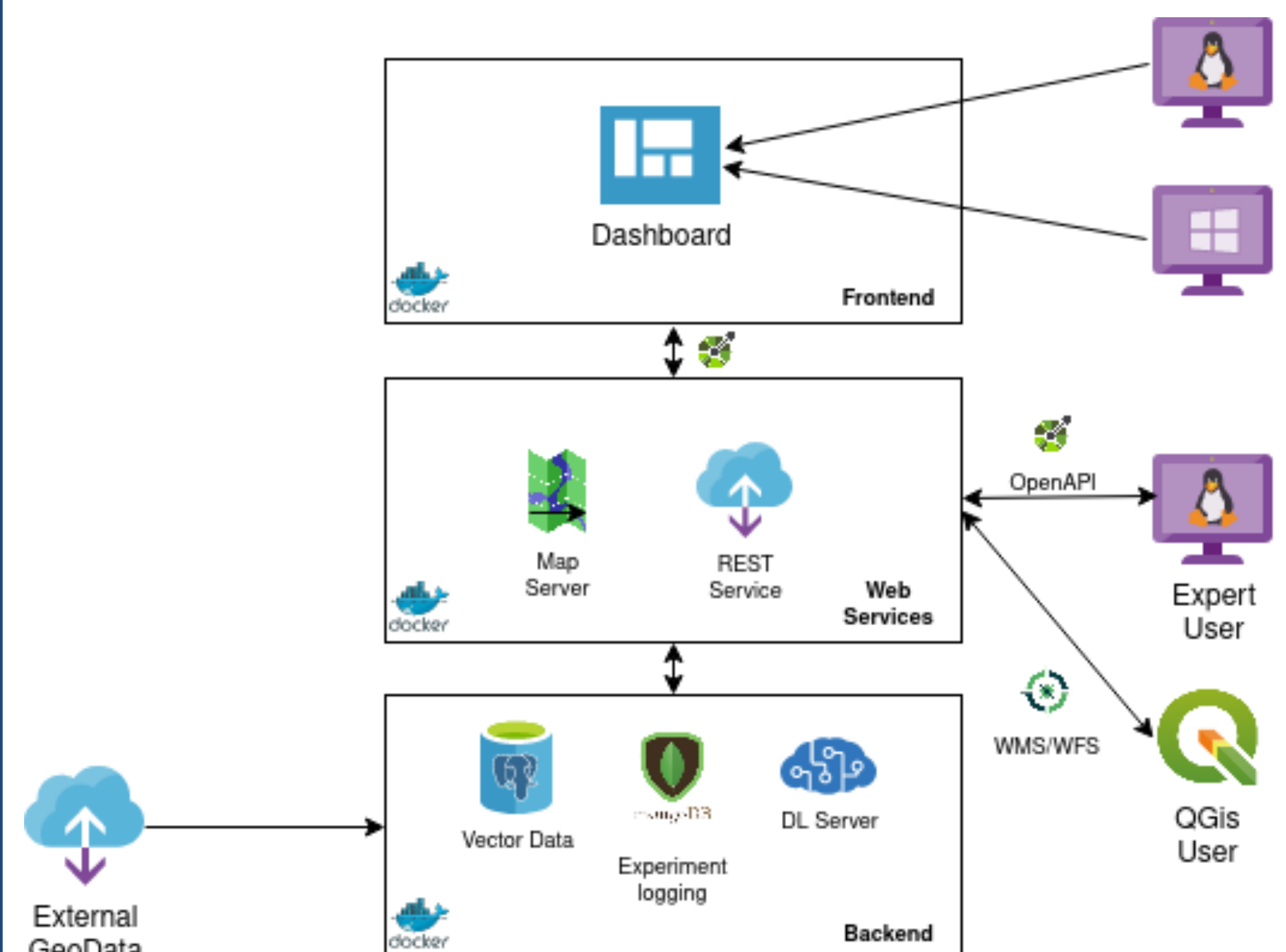


DEEPSTAT

PROJECT MOTIVATION

- REMOTE SENSING DATA IS A PROMISING DATA SOURCE FOR OFFICIAL STATISTICS
- SEVERAL PROJECTS IN STATISTICS NETHERLANDS HAVE EXPLORED THE POTENTIAL OF REMOTE SENSING DATA
- NOT WIDELY USED DUE TO COMPLEXITY OF PROCESSING METHODS, DATA SIZE AND THE NEED FOR SPECIALIZED IT INFRASTRUCTURE AND ANALYSIS METHODS
- WE NEED SPECIFIC STATISTICAL METHODS TO CREATE OFFICIAL STATISTICS FROM IMAGES

DEEPSTAT IT INFRASTRUCTURE



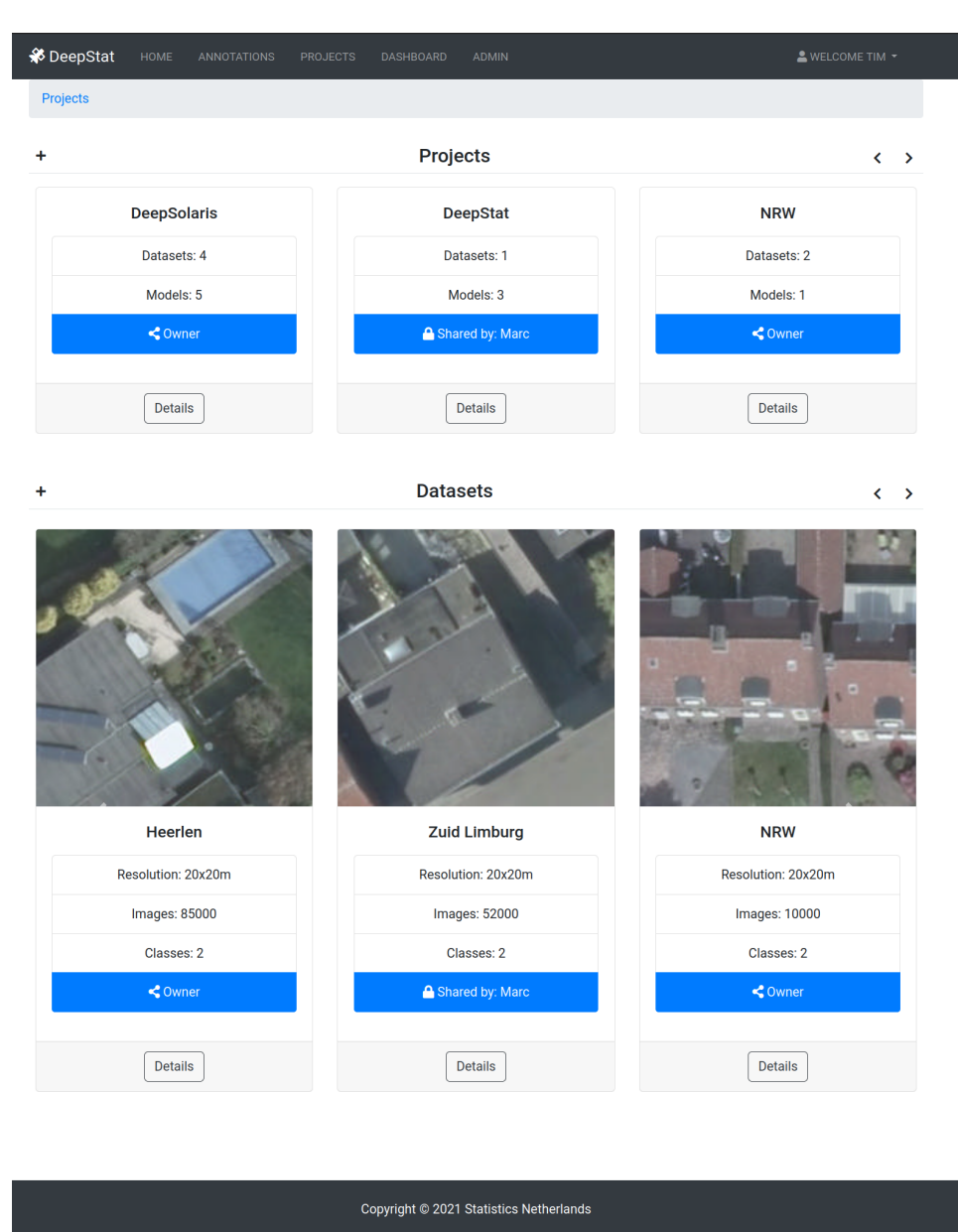
PROJECT GOALS

- STANDARDIZE ACCESS & PROCESSING OF REMOTE SENSING DATA
- USER-FRIENDLY TOOLS & STANDARDIZED WORKFLOW
- REPRODUCE, LOG & ANALYZE EXPERIMENTS
- TEST NEW STATISTICAL METHODS: USE CASES

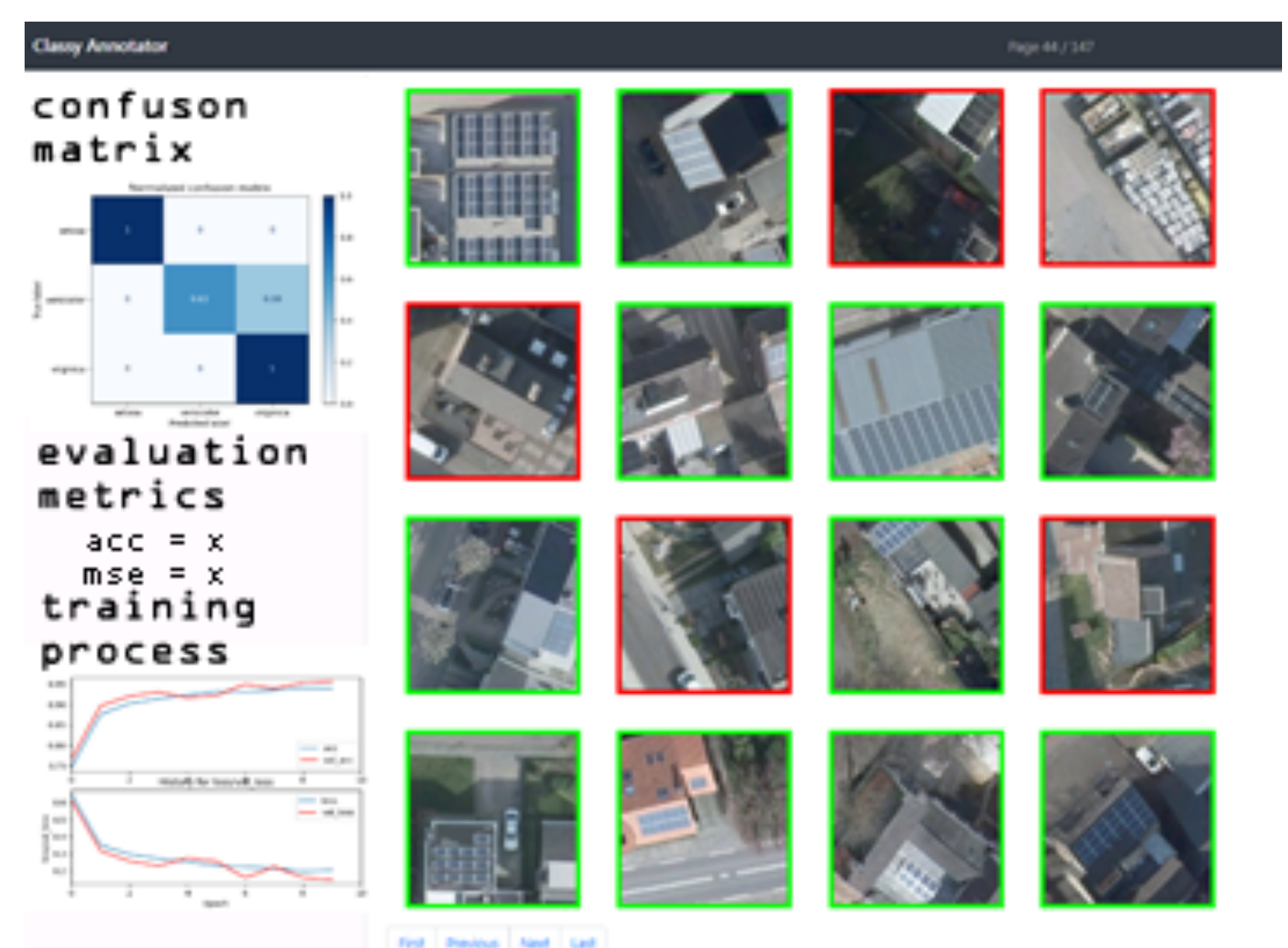
STANDARDIZE ACCESS & PROCESSING OF REMOTE SENSING DATA



USER-FRIENDLY TOOLS & STANDARDIZED WORKFLOW



REPRODUCE, LOG & ANALYZE EXPERIMENTS



USE CASES

- ESTIMATING POVERTY
- LAND USE
- LAND QUALITY AND BIODIVERSITY
- SOLAR PANELS

DISSEMINATION

- OPEN SOURCE SOFTWARE
- DEEPSTAT SEMINAR
- TJA.DEJONG@CBS.NL