

Project Plan DELight: December until April

by Greta Heine

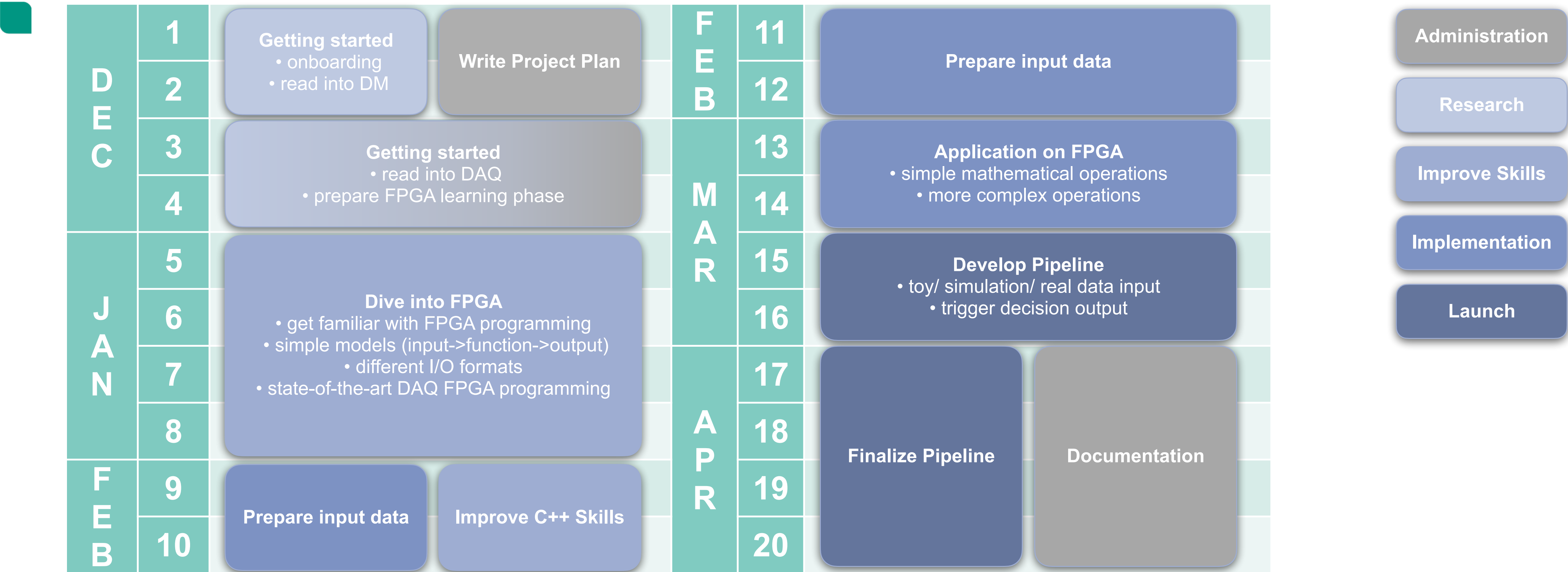


Project Scope

- **time scale:** December 2022 to April/ May 2023 (20-24 weeks)
- **deliverable:** a pipeline for DELight detector (MCC) data streaming through FPGA with trigger-like output
- **data input:** MMC data or SuperCDMS data or toy data
- **FPGA function:** from simple mathematical operators to more complex data processing functions and implementation of ML (via hls4ml) in best case
- **FPGA output:** trigger-like output

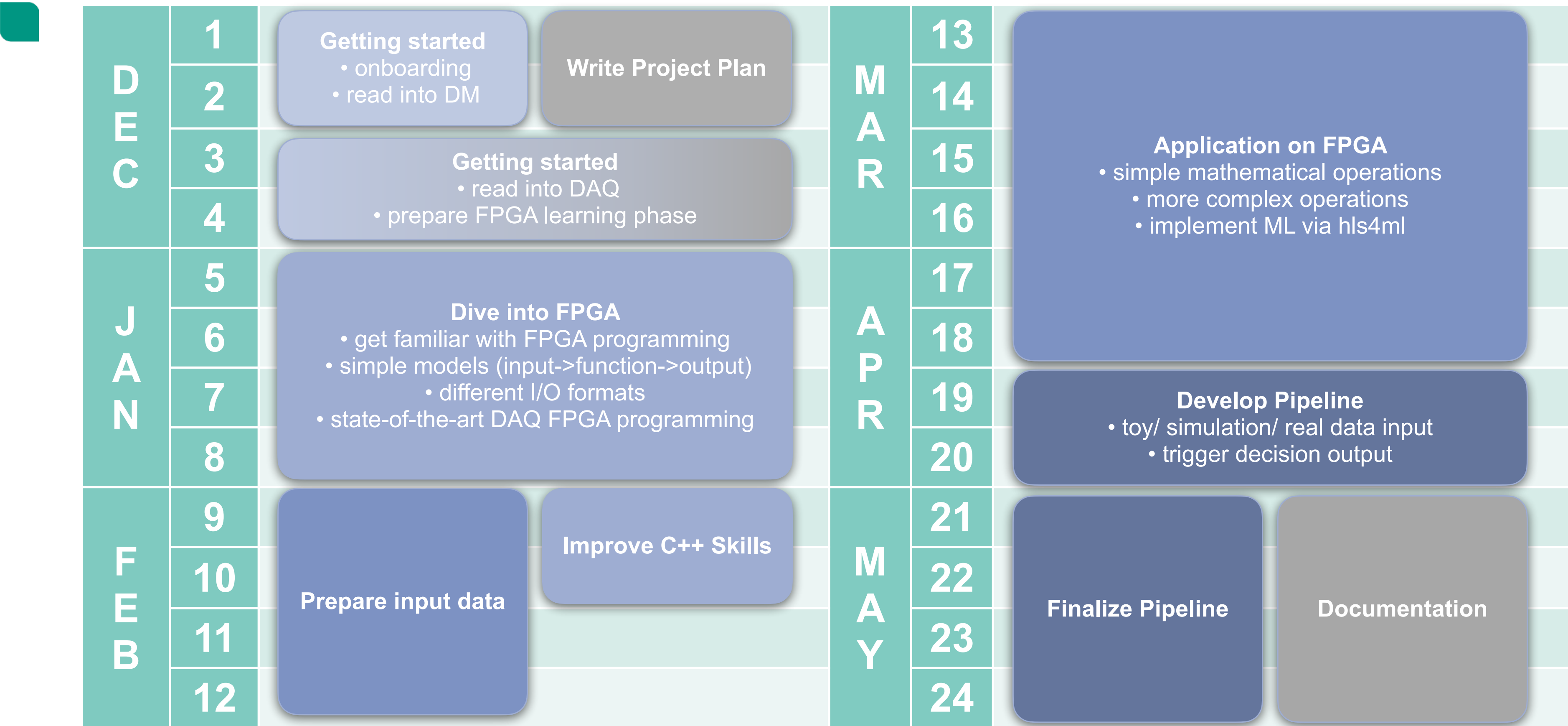
Time Plan

5 months = 20 weeks



Time Plan

6 months = 24 weeks



- Administration
- Research
- Improve Skills
- Implementation
- Launch