



INNOVATIVE SOLUTIONS  
BY OPEN SOURCE EXPERTS

**GEOMAPFISH USER GROUP**

**GMF 2.7**

**OFFER PRESENTATION**

**08.06.2021**

- Ngeo/GMF components are based on AngularJS (EOL 31 Dec 2021)
- An analysis was conducted by Camptocamp  
'GMF 3 Evolution Analysis Report'
- Progressive migration strategy chosen with PSC  
The application stays operational, new releases coming regularly
- Version 2.7 goes in this direction  
It covers Phases 2 and 3 of the roadmap

# Two Sections

- 1. A POC to validate the web components approach (Phase 2)
- 2. If the POC results are good (Phase 3):
  - Development of a complete web component
  - Merge of the Ngeo and GMF client libraries
  - Backend update: WFS 3 support
- And then (**not** in this offer, Phases 4 and 5):
  - Components migration, one by one
  - New functionalities

# Web Components POC (Phase 2)

- 100% reusable POC
- GMF services will be migrated when needed (not all in 2.7)
- Goals
  - Common part
  - Internal module: authentication
  - Component extension validation (based on authentication)
  - Project module: feedback window
- Separate build for custom component
- Report on results

# After the POC (Phase 3)

- Development of a complete web component
  - Profile, relatively simple
  - Helps estimating the cost of the future migration
- Merge of the Ngeo and GMF client librairies
  - No more reasons to have two librairies
  - Simplification to save time later
- Backend update: WFS 3 support
  - Allows to use WFS 3 (OGC API Features) services

# Estimates

FEATURE	DEV Hours	TESTING Hours	PROJECT MNGMT Hours	COST CHF excl. taxes
Web components POC				
Common part	76.0	22.8	14.8	17'040
Component extension validation	25.3	7.6	4.9	5'670
Authentication component	50.7	15.2	9.9	11'370
Feedback window component	62.7	18.8	12.2	14'055
Total Web components POC	214.7	64.4	41.8	48'135
FEATURE	DEV Hours	TESTING Hours	PROJECT MNGMT Hours	COST CHF excl. taxes
After the POC				
First Web component				
Profile	50.7	15.2	9.9	11'370
Merge Ngeo+GMF				
Merge Ngeo+GMF	101.3	30.4	19.8	22'725
WFS 3 support				
Docker container	21.3	6.4	4.2	4'785
Security proxy	25.3	7.6	4.9	5'670
Total WFS 3 support	46.6	14.0	9.1	10'455
Total After the POC	198.6	59.6	38.8	44'550

# camptocamp<sup>^</sup>

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