



Allotrope Foundation Roadmap Update

Allotrope Connect, April 2019
Vélizy-Villacoublay, France

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Summary

- Product Director Intro
- Roadmap Approach
- Roadmap Idea Processes
 - How an Idea Gets Included in the Roadmap
- Transitioning to Steady State
- 2019 Roadmap Update
- 2019-2020 Roadmap
 - Comments, Questions, Idea? Find me afterwards.



Product Director – Matthew Fox



Contact: Questions, Comments, Ideas

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Roadmap Approach

Product Development: Potential Areas of Strategic Focus

- Create portfolio of required data models to address highest priority domains
- Characterization of small / large molecules to support development of new chemical entities (NCEs)
- Quantitation of small molecules and peptides by triple quad MS to enable pharmaceutical development

Governance and Support / Maintenance

- Implement defined AFO/ADM governance process (1Q 2019 Completed)
- Support and Maintenance mirrors 2018 funding, and includes formal AFO/ADM governance service

Training & Tooling

- Conduct hands-on training with ADF/AFO/ADM products within community (1-4Q)
- Deliver enabling tools: ontology merge, ADF validation, ADM visualization, and SHACL authoring (1-4Q)

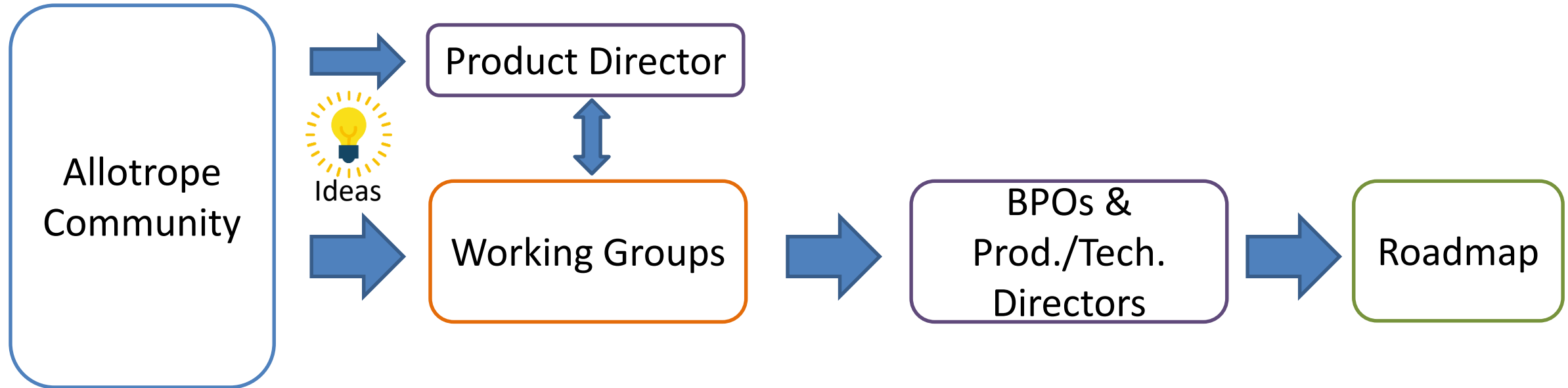


Roadmap Approach Cont'd

- Living roadmap
- Driving adoption by:
 - Expanding
 - Domain Coverage
 - Capabilities
 - Improving
 - Ease-of-use
 - Maturity
- Considered perspectives
 - Include: Vendors, Scientists, Developers & Engineers and Team Leaders



Roadmap Idea Processes – How an Idea Gets Included in the Roadmap



- Identify and define potential enhancements

- Assess potential enhancements
- Quarterly review and prioritization of backlog

- Quarterly assessment of all backlog for integration into roadmap



Transitioning to Steady State

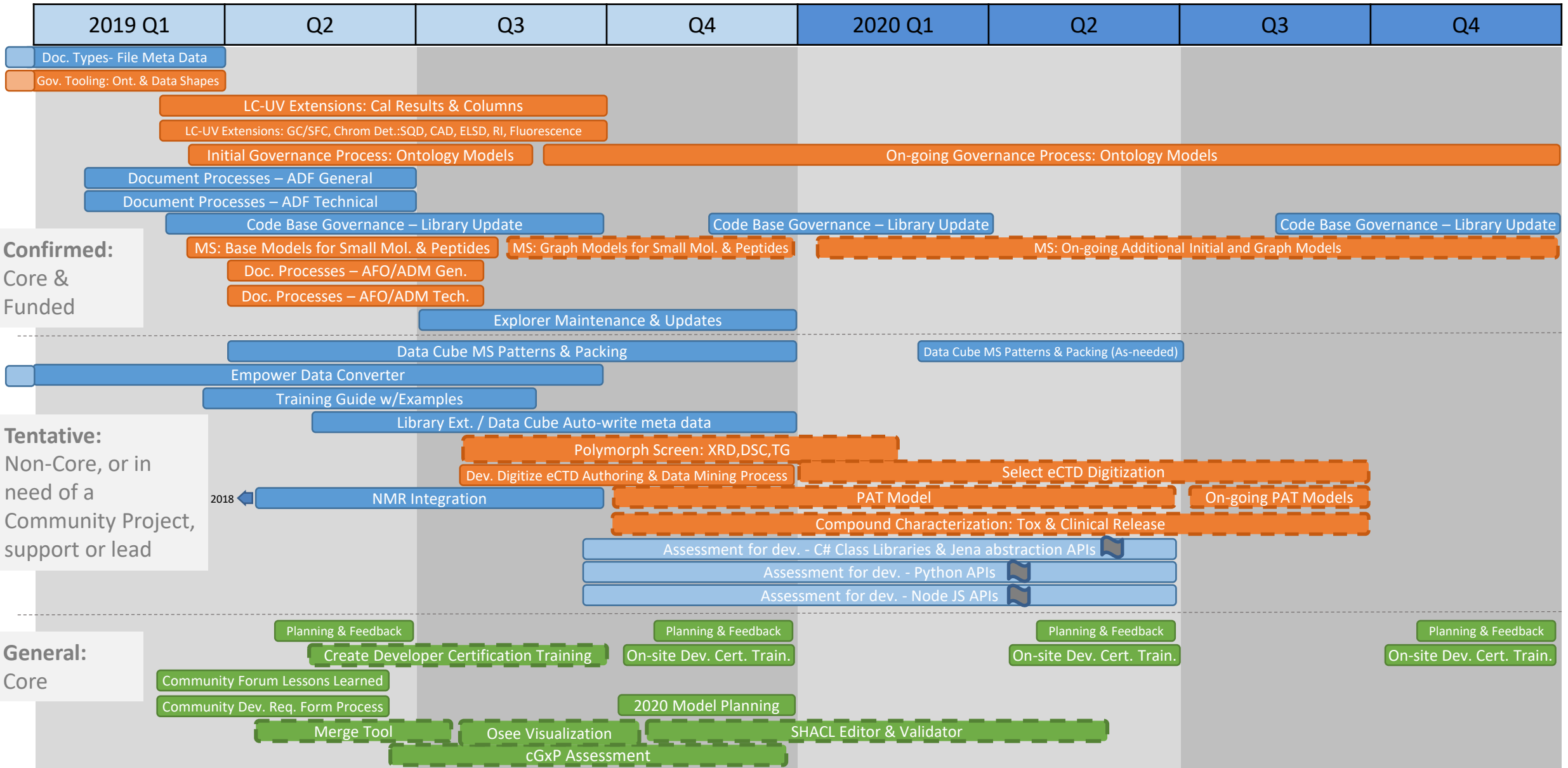
- Technical Working Groups
 - Current
 - ADF
 - Ontology – AFO/ADM
 - Semantic & Datashpe
 - Mass Spec.
 - Chromatography
 - Opportunity for community expansion:
 - Examples: PAT, eCTD
- Improving governance processes including knowledge transfer
- Targeting planned commercial releases every 3 or 6 months
- Roadmap items will be more clearly linked to descriptions of content



2019 Roadmap Status Update

- Tools
 - Merge Tool
 - OSEE
 - SHACL Authoring / Validator draft review at Workshop
- Some on-going efforts
 - ADF bug fixes, enhancements, releases
 - Empower Data Conversion Community Project
 - LC-UV Extensions
 - NMR Data Integrations
 - MS Base Model & Data Cube
 - Potential Digital Dossier Community Project
 - Collaboration with Pistoia on methodDB PoC





Confirmed:
Core & Funded

Tentative:
Non-Core, or in need of a
Community Project,
support or lead

General:
Core

Commercial release ◆ Commercial release ◆ Commercial release ◆ Commercial release ◆

Allotrope 2019-2020 Roadmap Key: AFO/ADM ADF General Community Supported Idea in assessment



Follow Up

Comments, Questions, Ideas?

I would love to hear from you!

Find me afterwards, or
email me at: matthew.fox@allotropes.org

