

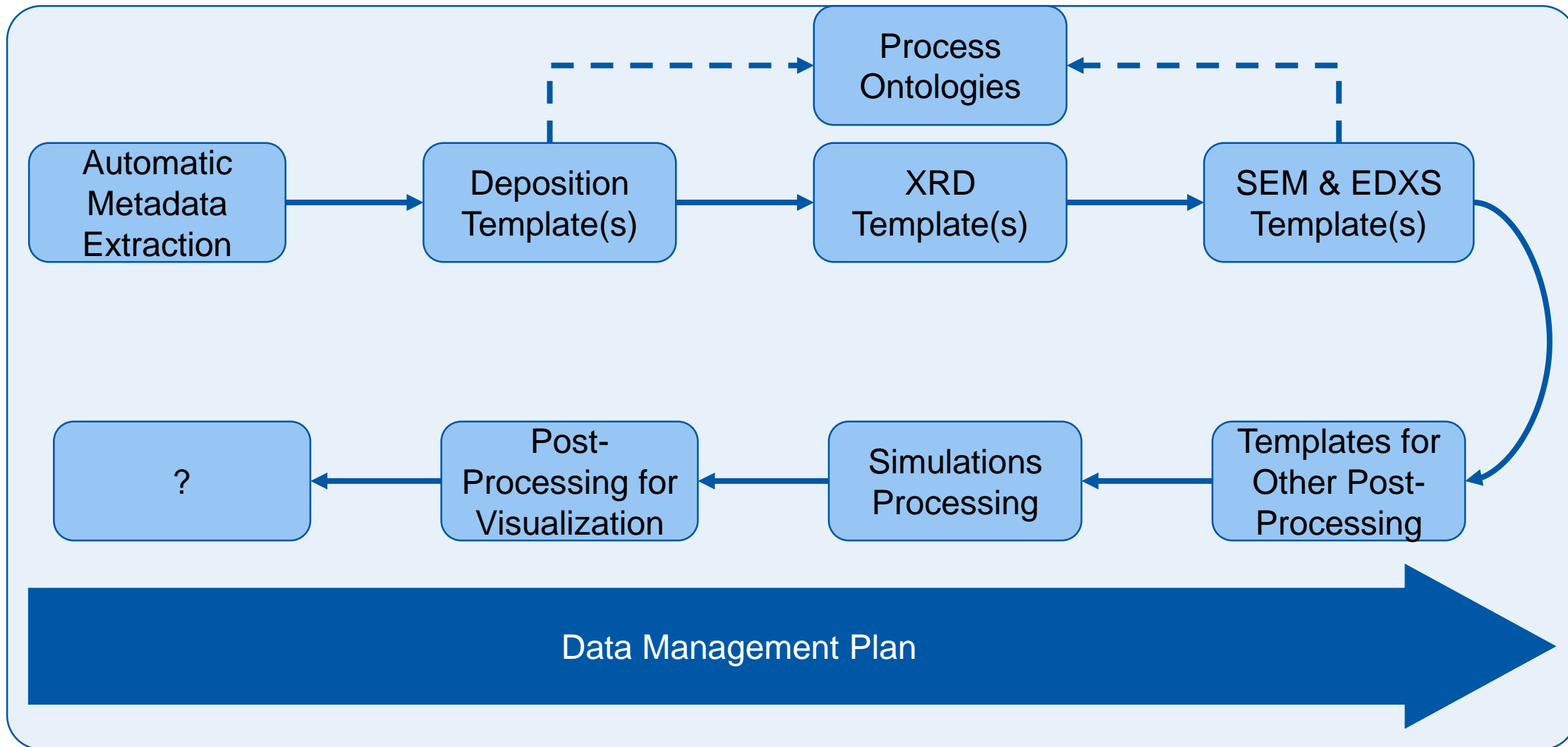
A blue-tinted background image showing a complex molecular structure with various atoms (represented by spheres) and bonds (represented by lines).

MCh Data Management

Issue 1 – 11.06.2025

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RDM “Roadmap”



Deposition Template(s)

- What characteristics or analytics method should be captured next?
 - current plan: XRD, SEM & EDXS
 - possible shift towards simulations (plugin already working to some extent)
- What gases are typically used at MCh?
 - currently: Ar, N₂, O₂, CO₂
 - allow custom gases
 - store also purity
- What units are typically used for what variables?
 - temperature: °C
 - pressure: Pa, mbar, Torr
 - time: min
 - distance: nm, mm, cm
- Should all data be available to all? Or do we need specific groups allowing some private data (e.g. due to NDA of industrial partners)?