

Deliverable D3.2

Recommendations for the Implementation and Realisation of the Roadmap



AceForm4.0

Activating Value Chains for EU Leadership in FORMulation Manufacturing 4.0



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Recommendations for Implementation and Realisation of AceForm4.0 Roadmap

Recommendations	Actions and Lead Stakeholders A = AceForm team or Legacy entity (to be identified) I = Industry, RC = Research Centres, IC – Innovation Centres
1. Raise Awareness of the Formulation Opportunity	
	<ul style="list-style-type: none"> • Present AceForm outputs to European Commission via project monitor (A) • Influence agendas of existing relevant EU technology platforms (A) • Mobilise existing formulation-related networks to promote and coordinate around AceForm outputs (A) • Influence national governments/funding bodies (A)
2. Connect and Collaborate	
<ul style="list-style-type: none"> • Grow a map of EU innovation stakeholders aligned to innovation value chains (current and future). 	<ul style="list-style-type: none"> • Mobilise existing formulation-related networks and collaboration active partners to adopt AceForm approach to value chain/stakeholder mapping and associated collaboration building (A) • Explore options to form central EU-wide repository of value chains and innovation partners (A)
<ul style="list-style-type: none"> • Improve access to tools for modelling complex value chain opportunities and collaborations 	<ul style="list-style-type: none"> • Promote existing tools and best practice (A) • Make recommendation to EC that new pragmatic tools need to be developed to support identification of value chain collaborations. <ul style="list-style-type: none"> ○ e.g. circular/sustainable life cycle analysis; new business models; data sharing best practice, value modelling.
3. Increase Collaborative R&D investment into formulating sectors	
<ul style="list-style-type: none"> • Focus on de-risking through cross-sector • Focus on de-risking through novel life cycle and supply chain collaborations • Increase focus on capability advancement (to complement economic and sustainability metrics). 	<ul style="list-style-type: none"> • Influence and support translation of existing H2020 calls and Technology Platform agendas (A) <ul style="list-style-type: none"> ○ Maximising opportunities for formulations. • Present AceForm outputs to EC (A) <ul style="list-style-type: none"> ○ Develop and present draft call text for 2019-2020. • Influence national governments/funding bodies agendas (A) • Conduct detailed analysis of internal formulating capability and desired advancements (I) • Support adoption of Capability Advancement thinking (RC/IC)

4. Innovation scale-up and Infrastructure

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| <ul style="list-style-type: none"> • Pilot formulation data standard and materials database to support innovation • Increase investment in large-scale supply chain demonstrator projects • Increase investment in technology demonstration/innovation centres and pilot line projects. <ul style="list-style-type: none"> ○ Improve access for SMEs • Maintain and adopt a more strategic/coordinated approach to underpinning research (Early TRL) | <ul style="list-style-type: none"> • Make associated recommendations to EC and national equivalents, leveraging existing best practice to focus scope. |
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5. Formulation Skills and Training

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| <ul style="list-style-type: none"> • Review on sector-specific basis • Improve formulation input to digital skills and training initiatives. | <ul style="list-style-type: none"> • tbc |
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