

Process Flow for APL R&I Investment

APL SOLUTIONS	APL STRATEGIC INTENT
<p style="text-align: center;">Purpose</p> <ul style="list-style-type: none"> Solve immediate needs and knowledge gaps and achieve additive productivity gains for industry 	<p style="text-align: center;">APL HORIZONS</p> <p style="text-align: center;">Purpose</p> <ul style="list-style-type: none"> Development of innovative collaborative projects that offer significant changes to the industry to meet strategic needs
<p style="text-align: center;">Concept Suitability</p> <ul style="list-style-type: none"> Simple 1 or 2 experiments. Short, flexible, small investment Quick project turnaround (under 2 years) Budgets up to \$200k of APL cash Can utilize Base Funded resources Discuss with APL R&I Managers for feedback and priority May contribute to a larger Horizons Program as part of the Discovery/Ideation and Development phase 	<p style="text-align: center;">Concept Suitability</p> <ul style="list-style-type: none"> Needs to be invited as part of the Innovation Plan process Large, comprehensive, and long-term (max 5 years) Will be collaborative and customer segment driven, meeting the needs of the supply chain Requires co-investment partners, end-user engagement, wide stakeholder consultation Submissions for concepts that contribute to the Strategic Intent are encouraged as part of the Discovery/Ideation and Development phase APL cash Budget for individual Research projects will be set as part of overall Horizon Program
<p style="text-align: center;">Application Process</p> <ul style="list-style-type: none"> Applications year round Submit proposal in PigConnect Milestones to be realistic, Stop/Go points Project proposals to include clear objectives, intended end-users, experimental aims, methodology, validation plans, budget justification, potential ROI Proposal reviewed by APL R&I Manager, APL R&I GM, external reviewers as required Proposal budget presented to APL Investment Committee for noting, or recommendation if GM R&I Limit exceeded Contract executed 	<p style="text-align: center;">Application Process</p> <ul style="list-style-type: none"> Applications year round by invitation Submit proposal in PigConnect R&D and Technology projects will be invited to contribute to the overarching Horizon Program Proposal reviewed by APL R&I Manager, APL R&I GM, APL Executive, external reviewers Proposal budget presented to APL Investment Committee for recommendation to the Board Contract executed Each R&D project outcomes form part of Horizon Program
<p style="text-align: center;">Outcomes</p> <ul style="list-style-type: none"> Clearly related to Project objectives Completed industry end-user engagement Proposed extension and implementation plans for project outputs based on end-user feedback Review of ROI 	<p style="text-align: center;">Outcomes</p> <ul style="list-style-type: none"> Completed research project outcomes to be incorporated into the Horizon Program as part of the Development, Validation, Roll out phases Individual R&D project outcomes to clearly identify outcomes that contribute to further research development, technology adoption, knowledge gaps that need to be addressed as part of the overarching Horizon Program