

Current Situation	Inputs	Activities/Outputs		Impact		
		Activities	Participation	Short-term	Medium-term	Long-term
<p>Problem solving is a key skill to leverage digital content and underpins the core disciplines of ADAPT e.g. Machine Translation.</p> <p>However, Ireland's teens possess only mediocre problem-solving skills.¹</p>	<p>Expertise of researchers and public engagement staff.</p> <p>Societally-informed research programme.</p> <p>Existing informal education programmes in problem solving.</p> <p>Links to schools nationally.</p> <p>ADAPT innovations.</p> <p>Funding.</p> <p>Support from: Host institutions (civic engagement, marketing, recruitment offices). Civic & community partners (e.g. libraries, local area partnerships).</p>	<p>All Ireland Linguistics Olympiad with strong national curriculum links:</p> <p>Participation</p> <p>Workshop programme</p> <p>Preliminary Round</p> <p>National Round</p> <p>IOL Round</p>	<p>Secondary school students & teachers.</p> <p>Parents</p> <hr/> <p>Community & civic groups (incl. underserved communities).</p> <hr/> <p>Local & national policy makers.</p> <hr/> <p>ADAPT researchers.</p>	<p>Greater excitement among students for problem solving.</p> <p>Enhanced problem-solving skills of students</p> <p>Increased confidence in tackling complex problems.</p> <hr/> <p>Students can see clear links between problem solving & STEM.</p>	<p><i>Increased propensity to study STEM at 3rd Level.</i></p> <p><i>Increased propensity to seek out further STEM engagement opportunities.</i></p> <hr/>	<p>Creation of a strong pipeline of talented STEM problem solvers for Ireland.</p> <hr/> <p>A scientifically-informed and engaged public.</p>

¹ OECD, PISA 2015 Results (Volume V), *Collaborative Problem Solving*