

# THE AWARDS 2020

## Research Project of the Year: STEM

<b>Institution name</b>	University of Exeter
<b>Submission title or project name</b>	Diversifying tree-based grazing systems to create smallholder price premium opportunities for milk production in the Amazonian Arc of Deforestation.
<b>Nominee/key personnel</b>	
<b>URL</b>	<a href="https://lifesciences.exeter.ac.uk/news/articles/upliftingprojectnourishin.html">https://lifesciences.exeter.ac.uk/news/articles/upliftingprojectnourishin.html</a>
<b>Submission</b>	<p>Our project has created tree-based agricultural systems that nourish the soil, improve cattle grazing and economically feed poor Brazilian smallholders in the Amazon 'Arc of Deforestation'.</p> <p>Sixty hectares of demonstration silvopastoral (SPS) and agroforestry (AFS) systems have been created based on legume trees from the diverse Inga genus that are already improving incomes and future prospects for twenty smallholder families. To scale up AFS and SPS systems across Mato Grosso State, Brazil, we are planting community seed orchards to solve the issue of availability of Inga seed (which cannot be stored) and supporting a microcredit finance scheme to assist smallholders.</p> <p>The systems also include twenty other native trees with various uses, including Brazil nuts and species related to mahogany, so they are biodiverse, store carbon and diversify income streams in the longer term.</p>