Instructions for teachers running "Hydropower for Anningville" problem solving challenge

Time needed	**Activity**
15 mins	Begin by introducing the exercise using the PowerPoint file "Hydropower for Anningville – intro"
1 hr – 1hr 15	Give teams their printed materials and move them to areas where they will work on the exercise. Teams should be issued with: • 4 x maps (2 satellite image overviews and 2 geological maps) • Site specifications for sites A-F • Budget and Summary sheets to hand in to the judges when time is up Make sure the teams know where to go for consultations – this could be a Zoom or a teacher's desk if you are in school. Give all teams a warning when they have 15 minutes left When time is up, collect in all teams' budget and summary sheets – ensure they have their team names on the sheets!
15 – 30 mins	Give students a short break while teachers/judges review responses and prepare for presentations.
5 min **per presentation**	If doing presentations, call teams individually to make their pitch to the judges (aka town council of Anningville). Try to keep this in a random order so as not to disadvantage students with less time to prepare, and bear in mind that those towards the end of the presentations will have a slight advantage. It's recommended when judging that you give more weight to the other criteria, and slightly less to the presentation, because of this.