The TAFU - BCS Award Mark Scheme

Submissions will be marked according to the following guidelines, with clear grade boundaries to ensure fairness and transparency.

Grade Boundaries

- **90-100% (Excellent):** Exceptional understanding, innovative ideas, high-quality execution, and flawless presentation.
- **70-89% (Very Good):** Strong understanding with some innovative elements, good execution, and clear communication.
- **50-70% (Good):** Meets most criteria, with moderate innovation and execution, and generally clear presentation.
- **35-50% (Needs Improvement):** Adequate attempt but lacks key elements of innovation or technical depth.
- **Below 35% (Doesn't Meet One or More Criteria):** Little to no innovation, poor technical execution, and/or unclear presentation.

Grading Rubric

Postgraduates and Recent Graduates

- **Innovation & Creativity** (25%)
- **Technical Execution** (30%)
- **Sustainability Impact** (30%)
- **Presentation & Communication** (15%)

Undergraduate Students & Apprentices

- **Innovation & Creativity** (25%)
- **Technical Execution** (25%)
- **Sustainability Impact** (30%)
- **Presentation & Communication** (20%)

A-Level, T-Level, and BTEC Students

- **Innovation & Creativity** (20%)
- **Technical Execution** (20%)
- **Sustainability Impact** (35%)
- **Presentation & Communication** (25%)

GCSE Students

- **Innovation & Creativity** (20%)
- **Technical Execution** (15%)
- **Sustainability Impact** (35%)
- **Presentation & Communication** (30%)

Year 9 and Below Students

- **Innovation & Creativity** (15%)
- **Technical Execution** (10%)
- **Sustainability Impact** (45%)
- **Presentation & Communication** (30%)

Marking Criteria

Innovation & Creativity

- **Creativity**: Does the solution introduce a novel approach or creatively repurpose existing patterns to address sustainability issues?
- **Originality**: Is it unique, or does it creatively build upon or improve an existing innovation in a meaningful way?

Technical Execution

- **Code Quality & Complexity**: Is the codebase clean, efficient, and reflect the category well?
- **Systems Architecture**: Is there a robust and scalable technical framework?
- **Usability & Interface Design**: How user-friendly is the innovation, and does it cater to both technical and non-technical users?
- **Standard Procedures**: Do the code and processes follow standard protocol and procedures.

Sustainability Impact

- **Relevance**: Does the project target a relevant sustainability issue?
- **Scalability & Feasibility**: Can the solution be implemented on a large scale, and is it practical given real-world constraints? Is it worth the cost of full development and implementation?
- **Quantifiable Impact**: Are there measurable sustainability benefits (e.g., CO_2 reduction, resource savings)?

Presentation & Communication

- **Technical Explanation**: Is there a clear and comprehensive explanation of how the technology works?

- **Visual Aids**: Are diagrams or simulations used to enhance understanding?
- **Engagement**: How effectively does the presenter engage the audience while explaining complex topics?

We very much look forward to reviewing your submissions and best of luck!

The TAFU Team