



Grant Proposal Impact Statements Template

PRE-STRUCTURED BOILERPLATES FOR BROADER IMPACTS & SCICOMM OUTREACH

Secure Funding via Effective SciComm: Modern grant agencies require research proposals to demonstrate clear societal value, education integration, and public communication strategy. This toolkit provides plug-and-play boilerplates to optimize the "Broader Impacts" sections of your funding applications.

1. Broad Impact Boilerplate Models

Model A: Digital Curriculum & SciComm Dissemination

EDUCATION & OUTREACH INTEGRATION

Use this baseline when integrating open-access toolkits, teacher guides, or digital science communication media into your project goals.

"To maximize the broader impacts of this project and ensure data accessibility, the investigators will translate our technical outcomes into actionable educational toolkits. In partnership with established digital publishing networks like InfoChemist.com, we will design open-access, plain-language teaching frameworks and AI-guided resource modules focusing on [PROJECT CORE FIELD, e.g., Green Chemistry and Sustainable Nanomaterials]. These materials will be distributed directly to secondary and undergraduate educators globally, effectively bridging the gap between advanced scientific literature and classroom environments while encouraging underrepresented demographics to pursue research in chemical informatics."

Model B: Industrial Innovation & Green Safety Metrics

SUSTAINABILITY & TECH TRANSFER

Optimized for projects focused on sustainable methodologies, industrial scale-ups, or green engineering validation.

"Beyond scientific publications, the broader significance of this investigation lies in its direct alignment with modern green chemistry objectives. By establishing structural frameworks for [SPECIFIC ADVANCEMENT, e.g., low-waste catalyst screening], this research directly provides chemical industries with reproducible parameters to calculate real-time atom economy and process mass intensity. This structural visibility allows local and international manufacturing stakeholders to replace hazardous organic solvents with innocuous alternatives, directly reducing the hazardous chemical waste footprint and updating safety metrics in line with international environmental regulations."

2. Strategic Customization & Metrics Advice

The InfoChemist Evaluation Framework Rule

Grant reviewers look for specific, measurable outcomes. When deploying these boilerplates, replace general terms with quantitative goals. Instead of stating "we will share our findings publicly," state: "**We will publish monthly digital research briefings via dedicated SciComm platforms, targeting an active ecosystem of over [X] educators, academic researchers, and industry professionals.**" This changes your proposal from an abstract goal into a functional, auditable impact track.

