

Ideation Phase
Define the Problem Statements

Date	31 January 2025
Team ID	LTVIP2025TMID60817
Project Name	Sustainable smart city assistant using IBM granite LLM
Maximum Marks	2 Marks

Sustainable Smart City Assistant (Using IBM Granite LLM) Template ;

Problem Statement 1 (PS-1)

**I am a city planner in a mid-sized urban municipality
I'm trying to develop a roadmap for making my city more sustainable and efficient
But I lack real-time insights and advanced tools to analyze energy usage, mobility patterns, and environmental impact
Because the existing systems are siloed, outdated, and not integrated with AI or data analytics
Which makes me feel frustrated, overwhelmed, and concerned about missing critical opportunities for improvement**

Problem Statement 2 (PS-2)

**I am a sustainability officer exploring smart city initiatives
I'm trying to convert my city operations into a sustainable, AI-enabled ecosystem
But I don't have access to an intelligent assistant that can provide insights, automate tasks, and align with our city's green goals
Because current solutions are either too generic, lack localization, or are not scalable across departments
Which makes me feel stuck, unsupported, and hesitant to propose ambitious projects to stakeholders**