**Ideation Phase**

**Define the Problem Statements**

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| --- | --- |
| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID34483 |
| 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Because the existing systems are siloed, outdated, and not integrated with AI or data analytics  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**