401.661 Advanced Construction Technology

Construction Engineering and Management Department,.

Seoul National University

TP1

Pursuing the world best SD consulting firm, you have just started up a consulting firm. As the 1st step of our term project, pls find a client and have meetings with your client company to identify the problem they have. To analyze the identified problem and suggest solutions, your group will develop a system dynamics model.

➢ **TP1 includes:**

> Problem Statements
> Variable List
> Reference Modes

➢ **TIPS on TP1**

1. Your problem statement needs to cover 1) problems and 2) modeling goals

2. Problems and goals need to be <u>specifically</u> mentioned (eg, problems perceived by whom? actions to be taken by whom? who are the main players?).

3. Think you will look at problems within a project? an organization? or the whole industry?

4. Think all the time across the modeling processes (inc. TP1 process) how to quantify variables.

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