

# Constitution of the Transportation System Dynamics Special Interest Group (TSD SIG) of the System Dynamics Society, Inc.

Version 1 a. 27/09/2016

Constitution of the *Transportation System Dynamics Special Interest Group* of the System Dynamics Society, Inc. (TSD SIG), a Special Interest Group of the *System Dynamics Society, Inc.* (the Society).

## 1. Nature of the SIG

The TSD SIG will focus on understanding of the Transportation system, with three long-term goals in mind:

1. The promotion of system dynamics as a tool to analyse transportation systems and to design and implement sustainable mobility policies.
2. The development of a repository of case studies, models and other resources for practice and teaching.
3. To work as a group to spread the use of system dynamics through the transport community both in practice and in academia – via for example promoting joint research projects, workshops, targeting transport related conferences and journals and development of case studies with policy impact.

Collaboration with the Energy and Environment SIGs: Transport and Energy are inherently interlinked, as transport currently accounts for a significant portion of energy use. Similarly, transport and energy are the greatest sources of carbon emissions which are also a concern of the Environment SIG. Subsequently, we anticipate close collaboration between the TSD, Energy, and Environment SIGs.

## 2. SIG Society Interaction

The SIG leaders will act as representatives of the TSD SIG to the Society.

The leaders will review annually a report of activities, finances and membership submitted by the TSD SIG. The report will include the names of the leaders of the TSD SIG. Attached to the report will be copies of all publications of the TSD SIG, as well as a complete membership listing.

## 3. Recognition

Initial list of active members (petition signed by at least six Society members)

- Simon Shepherd
- Enzo Bivona
- Gillian Harrison
- Len Malczynski
- Oliver Shyr
- Guenter Emberger
- Pauli Pfaffenbichler
- John Swanson
- Jasper Tanis
- Linda Nyland
- Jonathan Gomez

List of leaders/ representatives to the Society

Prof. Simon Shepherd  
Institute for Transport Studies  
University of Leeds  
Leeds, LS2 9JT  
UK

Prof. Enzo Bivona  
Department DEMS  
CED4 – System Dynamics Group  
University of Palermo  
Via Maqueda 324  
90133 Palermo  
Italy

## 4. Membership

Any Society member in good standing of the Society and any other interested individual sharing the objectives outlined above may join the TSD SIG. Although SIG membership is not restricted to members of the System Dynamics Society, Inc., Membership of the System Dynamics Society, Inc. is encouraged.

### **5. Meetings and selection of representatives**

The TSD SIG will hold a minimum of one meeting per year. This meeting may be held during, with, but not interfering with, the international conference of the System Dynamics Society. Business and election of leaders will be dealt with in this meeting.

The leaders will be elected by a majority vote of the TSD SIG membership. The elections will be held annually at a SIG meeting open to all members. All members in good standing and present at the meeting are allowed to vote.

### **6. Dues**

The TSD SIG will not charge any dues. The work of the TSD SIG will be done by volunteers. The TSD SIG may occasionally engage in activities that require payment, and only those members choosing to pay will be eligible to participate in those activities.

### **7. Sponsorship of activities**

The TSD SIG may request System Dynamics Society recognition of and/or co-sponsorship of specially organized major programs. The review of the request and response to the TSD SIG will be the responsibility of the System Dynamics Society Executive Director and Executive Committee, who may choose to bring the request before the System Dynamics Society Policy Council.

### **8. Policies and activities**

List of planned activities

- Initiate a one-year series of exploratory focus groups via online web-meetings.
- Bi-Monthly meetings (2 hours?) will focus on 3-4 major topics (TBD), discussed at 3- to 4-month intervals on an overlapping schedule throughout the year. Within each topic this schedule allows for the clarification of key issues, providing windows to explore and refine the issues, and to identify short-term action items and longer-term goals. Participants may choose to participate in one or more focus groups according to individual interests.
  - We intend to develop plans at the first meeting.
  - Development of a TSD online presence (through SD Soc, website, Linked In, Twitter), for the promotion and discussion of our stated goals
  - Initiate links with Energy / Environment SIGs to foster future collaboration