Sustainability Assessment of Urban Systems

(ENV-461)

12: Sustainability Assessment in practice. A roundtable with stakeholders

Lecturers:

Dr. Matthias Heinrich

Gloria Serra Coch

Guest speakers:

Dr. Albert Mérino-Saum
Canton de Genève (Direction de la durabilité et du Climat)

Denis Bochatay
Ville de Lausanne (Direction du Logement)

Alexandre Bosshard
Ville de Pully (Direction des travaux et des services industriels)

Laboratory on Human-Environment Relations in Urban Systems

Program of the course

Lectures : BS 170 on Wednesdays, 13:15 – 16:00 (Lecture + Exercise)

n°	Date	Session	Milestones Project
1	19/02/2025	**Introduction** into sustainability and SA	
2	26/02/2025	**Sustainability issues** in **urban systems**	
3	05/03/2025	**Key steps in SA #1**: SSP, normative dimension, frameworks	**Groups formed**
4	12/03/2025	**Key steps in SA #2**: Systemic dimension	
5	19/03/2025	**Key steps in SA #3**: Participatory dimension	**Submission - Outline 19.03**
6	26/03/2025	**Deriving indicators (1/2)**	
7	02/04/2025	**Deriving indicators (2/2)**	
8	09/04/2025	**Influence matrix**	
9	16/04/2025	**Multi-Criteria Analysis**	
	23/04/2025	**Easter break**	
10	30/04/2025	**Deriving policy recommendations**	
11	07/05/2025	**Policy implications**	
12	14/05/2025	**Sustainability Assessment in practice**	
13	21/05/2025	**Exam**	
14	28/05/2025	**Presentation of semester work_2**	

* May be updated depending on the number of students enrolled

Goals of the Lecture

- Explore sustainability assessment projects in cantons and cities, presented by professionals.

- Connect the theoretical knowledge with real-world professional and political contexts.

Introduction of the guests

- Alexandre Bosshard

  Ville de Pully - Adjoint du chef de service - Direction des travaux et des services industriels

- Denis Bochatay

  Climate Project Manager

  Ville de Lausanne - Direction du logement, de l'environnement et de l'architecture

  Bureau climat et durabilité

- Dr. Albert Mérino-Saum

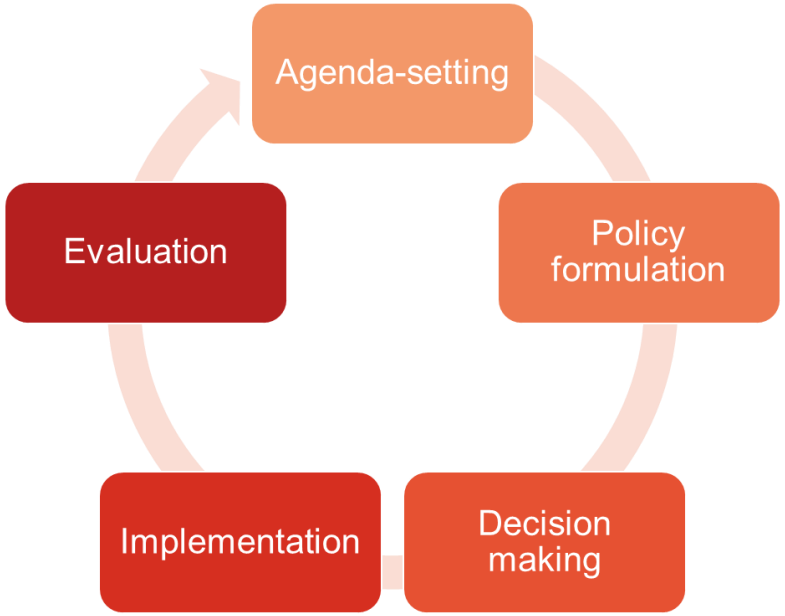
  Scientific advisor

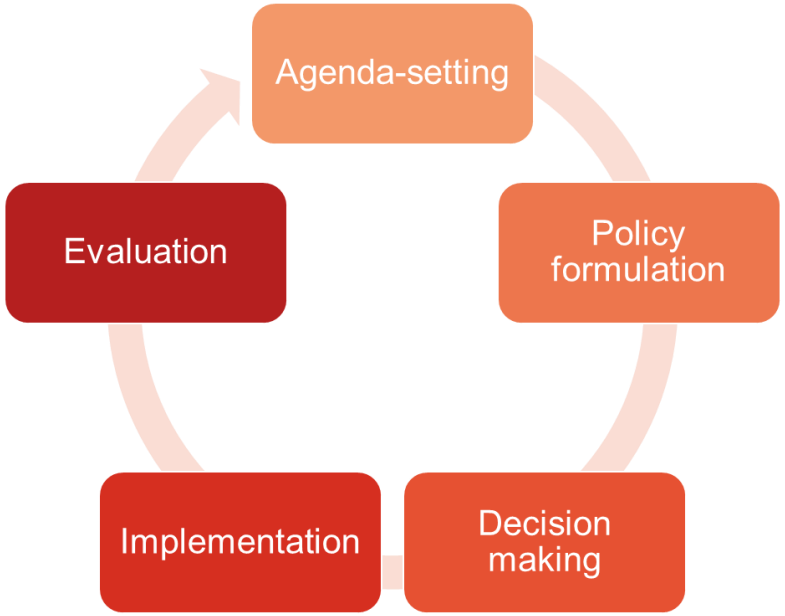
  Canton de Genève - Direction de la durabilité et du Climat

Organization of the session

- **Presentation of some insights by the guests**
  - 10’ + 5’ questions / guest
  - *« Pully under the miscroscope »*
    Alexandre Bosshard
  - *« Monitoring of Lausanne’s climate plan : Why and how? »*
    Denis Bochatay
  - *« Developing sustainability indicators for climate monitoring»*
    Albert Merino-Saum
- **Break**
- **Q&A session**

Presentation of the guest experiences




Agenda-setting
Policy formulation
Decision making
Implementation
Evaluation

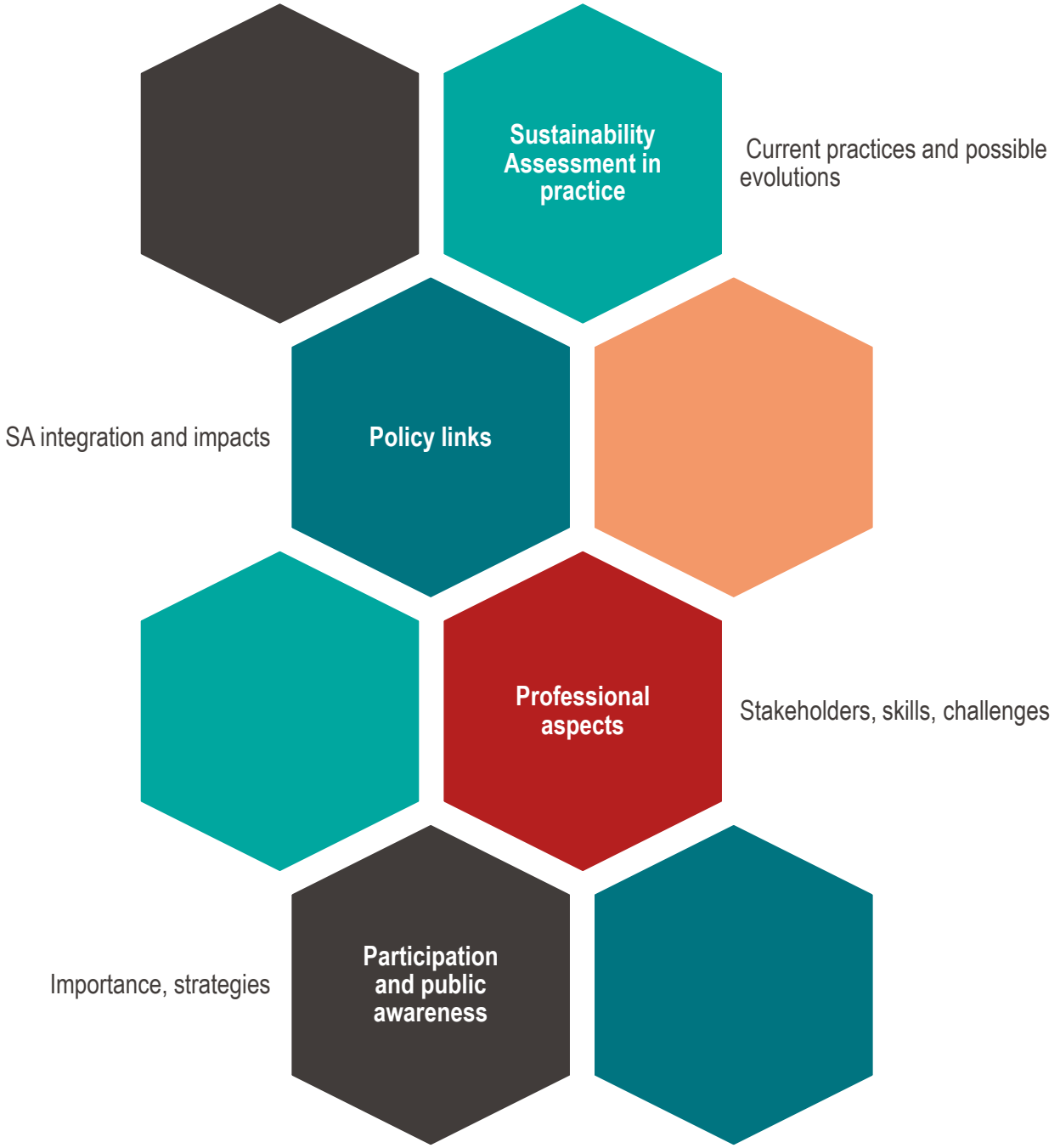
Q&A

Q&A session

- **Let's open the floor for your inquiries !**

- You can add and vote for your (burning!) questions on

https://www.menti.com/al9iqgh5wios



Questions : Professional aspects

- **Professional aspects**

  - What skills are essential for success in this field, and what skills are currently lacking?

  - How do you understand and see the influence of AI in the development of SA ?

Questions : SA in practice

- **SA in practice**
  - What are the key challenges that you faced as professionals in implementing these assessments?
  - Does interdisciplinarity play a role in your experience with sustainability assessments? What factors contribute to its effectiveness and impact?
  - How effective are assessments in achieving their goals?
  - What lessons have you learned from your past experiences, and if you could change something, what would it be?

Questions : Participation and public awareness

- **Participation and public awareness**

  - What role does stakeholder and public participation play in the success of sustainability assessments?
  - How do the quality and level of participation influence the outcomes of these assessments?
  - If you had to choose between prioritizing data quality and enhancing stakeholder engagement, which do you believe would yield greater benefits?

Questions : Policy links

- **Policy links**
  - What impact do policymakers have on the assessment process? And vice-versa ?
  - How are recent economic and political developments shifting the agenda for sustainability assessments?

Questions : Other

- **Other**

  - How do environmental assessment practices differ across countries and regions?

  - How are these assessments funded (e.g. your projects, experiences, knowledge) ? What are the challenges to secure these fundings (on a long term) ?

  - The theory of change underlying environmental assessments posits that the use of indicators enables us to measure progress and drive change. How valid do you find this theory in practice?

Thank you !

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