



GLOBAL SUSTAINABLE CITY-REGIONS

Comparing Seven City-Region Case-Studies in Three Research Postgraduate Teams from
Two Methodological Modules:

Global Cities: Sustainability and Society &
Public Policy, Governance and Strategic Change in Cities.

(Msc Global Sustainable Cities 2015-2016)

Dr Igor Calzada MBA, Ed.

Global Southerners

MUMBAI Kirsten MacDonald

SHENZHEN Ning Qiu

Resilient Contradictors

REYKJAVIK Criostoir Dynes

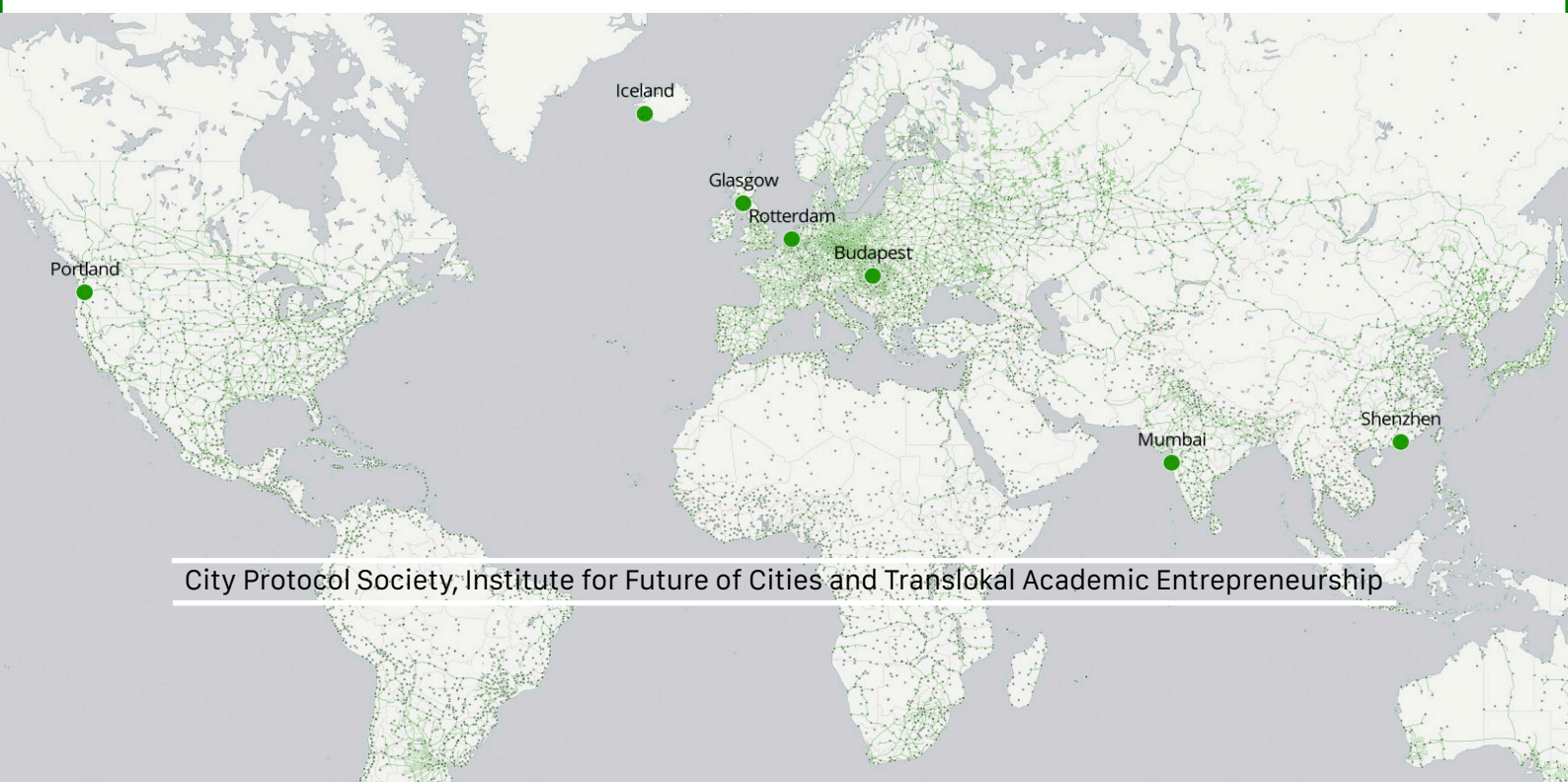
PORTLAND Gemma Murray

BUDAPEST Nikolett Watson-Puskas

Regional Networkers

GLASGOW Gavin McAdam

ROTTERDAM Frankie Barrett



About The Institute for Future of Cities

The Institute for Future Cities (University of Strathclyde) brings together governments, businesses, academics and citizens to imagine and engage with the future of our cities, and explore how to make cities more successful, healthier, safer and more sustainable for us all.

About City Protocol Society

City Protocol Society is a non-profit organization formed by a trusted community of cities or any regional body related to a city government, commercial organizations, academic or research institutions, and nonprofit organizations that leverages knowledge and experience in cities worldwide to accelerate city transformation, by offering curated guidance and collaborative research and development (R&D) opportunities for cities.

About Translokal Academic Entrepreneurship for Policy Making

Translokal Academic Entrepreneurship for Policy Making is an spin-off to carry out, share and disseminate direct real impact and applied academic research among stakeholders and it aims to play as an on-going publishing bridge by re-mixing locally contextualized projects and newly generated knowledge.

(First) Published on 2016 by @translokal



This work is available under the Creative Commons Attribution 3.0 IGO license (CC BY 3.0 IGO) <http://creativecommons.org/licenses/by-nc-sa/4.0/> Under the Creative Commons Attribution license, you are free to copy, distribute, transmit, and adapt this work, including for commercial purposes, under the following conditions:

Attribution — You must give **appropriate credit**, provide a link to the license, and indicate **if changes were made**. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

NonCommercial — You may not use the material for commercial purposes.

ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the **same license** as the original.

© Editor: Dr Igor Calzada MBA

© Authors: 'Global Southerners' research postgraduate team: Kirsten MacDonald (Mumbai) and Ning Qiu (Shenzhen); 'Resilient Contradictors' research postgraduate team: Criostoir Dynes (Reykjavik/Iceland), Gemma Murray (Portland/Oregon) and Nikolett Watson-Puskas (Budapest); 'Regional Networkers' research postgraduate team: Gavin McAdam (Glasgow/Scotland) and Frankie Barrett (Rotterdam/Randstad).

ISBN: 978-8-49-427527-2

POLICY-REPORT

GLOBAL SUSTAINABLE CITY-REGIONS:

MUMBAI, SHENZHEN,
REYKJAVIK, PORTLAND, BUDAPEST,
GLASGOW AND ROTTERDAM

Comparing Seven City-Region Case-Studies in Three Research Postgraduate Teams
from Two Methodological Modules:
Global Cities: Sustainability and Society &
Public Policy, Governance and Strategic Change in Cities.

MSc Master in Leadership for Global Sustainable Cities

Edited by **Dr Igor Calzada MBA**

Authors

Kirsten MacDonald

Ning Qiu

Christopher Dynes

Nikolett Watson-Puskas

Gemma Murray

Gavin McAdam

Frankie Barrett



Outline

EXECUTIVE SUMMARY	5	
A. INTRODUCTION	7	
A.1. MSc Global Sustainable City: Two modules.	7	
A.2. GSC938 > Global Cities: Sustainability & Society.	7	
A.3. GSC942 > Public Policy, Governance & Strategic Change in Cities.	7	
A.4. Itinerary & Students/Participants: Action Research Methodology.	7	
A.5. Learning by Doing.	7	
A.6. Qualitative Research.	7	
A.7. Case-studies.	7	
A.8. City-Regions: Unit of Analysis.	7	
A.9. International/Global Scope.	7	
A.10. Comparative/Benchmarking.Comparing Global Sustainable City-Regions' Urban Issues.	7	
B. METHODOLOGY	9	
B.1. GSC938 > Global Cities: Sustainability & Society.	9	
B.2. GSC942 > Public Policy, Strategic Change in Cities & Governance.	76	
C. CASES: GLOBAL SUSTAINABLE CITY-REGIONS	90	4
C.1. Global Southerners.	90	
C.1.1. Mumbai by Kirsten MacDonald	90	
C.1.2. Shenzhen by Ning Qiu	116	
C.2. Resilient Contradictors	139	
C.2.1. Reykjavik/Iceland by Christopher Dynes	139	
C.2.2. Portland/Oregon by Gemma Murrays	171	
C.2.2. Budapest by Nikolett Watson-Puskas	261	
C.3. Regional Networkers		
C.3.1. Glasgow/Scotland by Gavin McAdam	271	
C.3.2. Rotterdam/Randstad by Frankie Barrett	293	
FIGURES	315	

Figure 1.
Image by @ifuturecities



EXECUTIVE SUMMARY

This policy report, entitled '**Global Sustainable City-Regions**,' covers the work developed by the lecturer, Dr Igor Calzada, MBA, as the editor of the publication and students/participants of the first edition of the New Masters course MSc in Leadership for Global Sustainable Cities from September to December 2015.

Specifically, this policy report follows a two-sequential-module structure:

- The first module, entitled '**Global Cities: Sustainability and Society**,' consists of six methodological units.
- Thereafter, the second module, entitled '**Public Policy, Governance and Strategic Change in Cities**,' consists of five methodological units.

5

The policy report focuses on three urban global issues in a comparative basis. The MSc was developed in a team-based dynamic by applying qualitative action research methodologies to understand and interpret each case and to benchmark and contrast with other cases that addressed the same global urban issue.

The cases were selected jointly by the lecturer and the students/participants in a dynamic process in order to achieve a suitable selection of cases that would allow them to:

- arrange groups around one specific global urban issue,
- compare cases around the same specific urban issue, and
- produce a full case study by applying the two-sequential-module methodology.

As a result, the following three global urban issues and seven Global Sustainable City-Region case studies were selected. Each student/participant worked on each of them, as follows:

GLOBAL SUSTAINABLE CITY-REGIONS

Dr Igor Calzada MBA, Editor

Global Southerners

MUMBAI Kirsten MacDonald

SHENZHEN Ning Qiu

Resilient Contradictors

REYKJAVIK Criostoir Dynes

PORTLAND Gemma Murray

BUDAPEST Nikolett Watson-Puskas

Regional Networkers

GLASGOW Gavin McAdam

ROTTERDAM Frankie Barrett

Comparing Seven City-Region Case-Studies in Three Research Postgraduate Teams from Two Methodological Modules: *Global Cities: Sustainability and Society & Public Policy, Governance and Strategic Change in Cities*. (Msc Global Sustainable Cities 2015-2016)

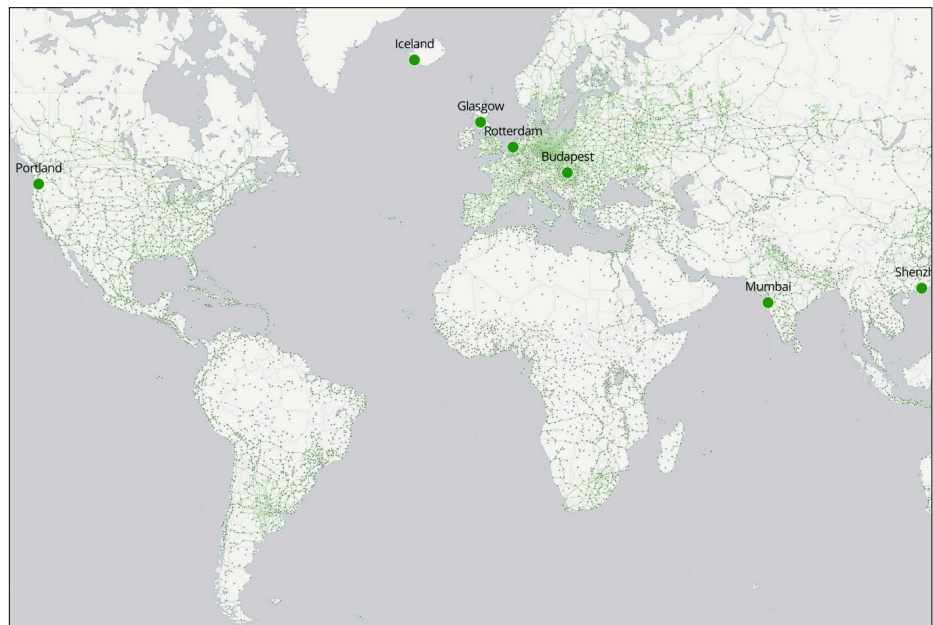


Figure 2.
Global Map with cases