

PROJECT 28

URBAN PLANNING AND MANAGEMENT SYSTEM

Prof. Dr. Luis Antonio Bittar Venturi – Department of Geography (FFLCH – USP)

Prof. Dr. Edmilson Moutinho dos Santos - (IEE – USP)

Alexandre Vastella Ferreira de Melo – Department of Geography (FFLCH – USP)

David Shiling Tsai – Department of Geography (FFLCH – USP)

Felipe Ferraz Machado – Institute of Energy and Environment (IEE – USP)

Gabriel J. Mendonça de Azevedo – AES Eletropaulo and Department of Geography (USP)

Greta Yale Lima dos Santos – Department of Geography (FFLCH – USP)

Pedro Paulo Fernandes da Silva – Institute of Energy and Environment (IEE – USP)



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Introduction

- Due to a vast diversity of needs and problems, cities are places that require highly skilled managers and efficient instruments to deal issues, such as water and energy supply, natural hazards, violence, mobility, pollution, just to mention a few.

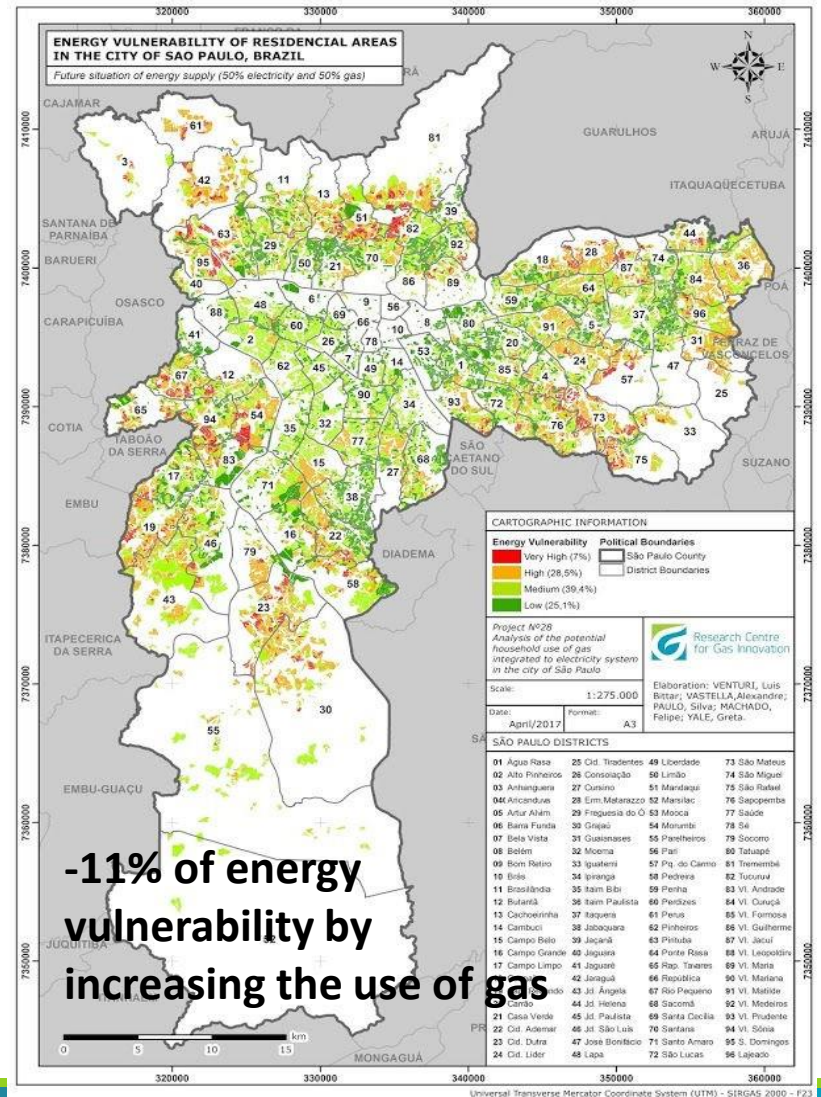
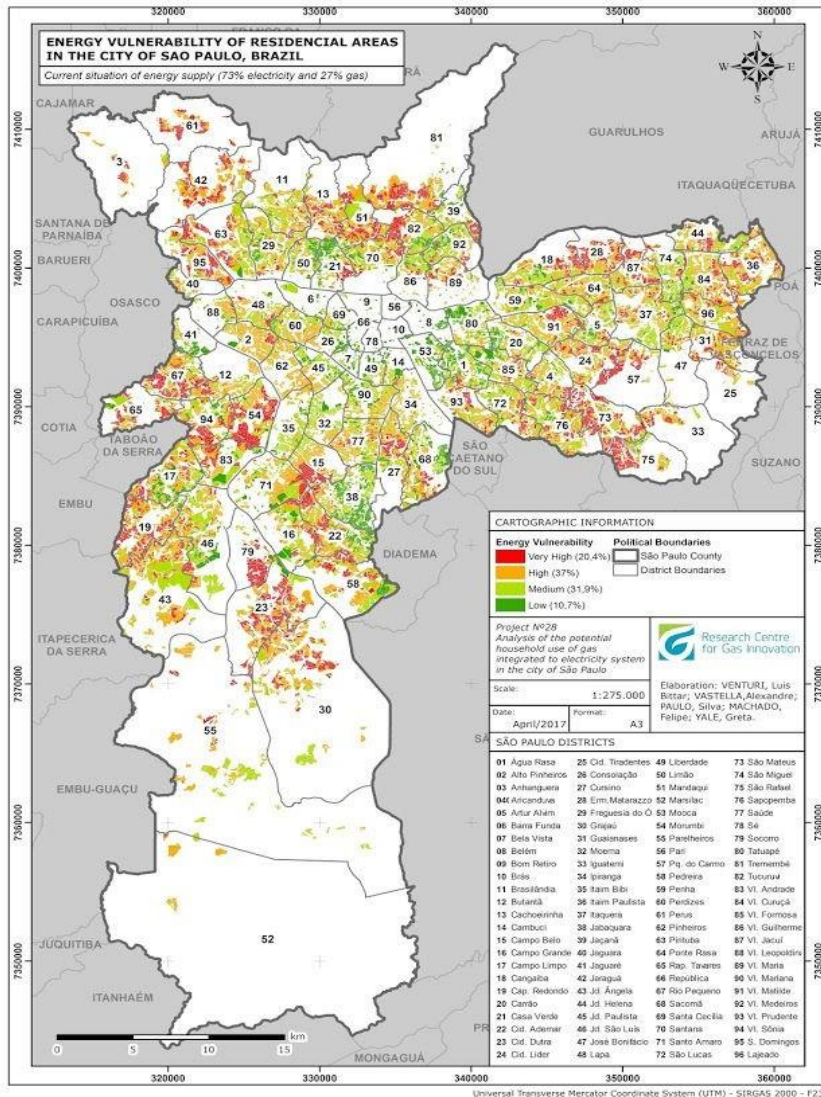
Objective

- With that concern in mind, we developed a system that can support urban management and planning.
- It is an instrument that can be used by the public or private sectors of any city to deal with any problem, provide that it be fed with proper data.

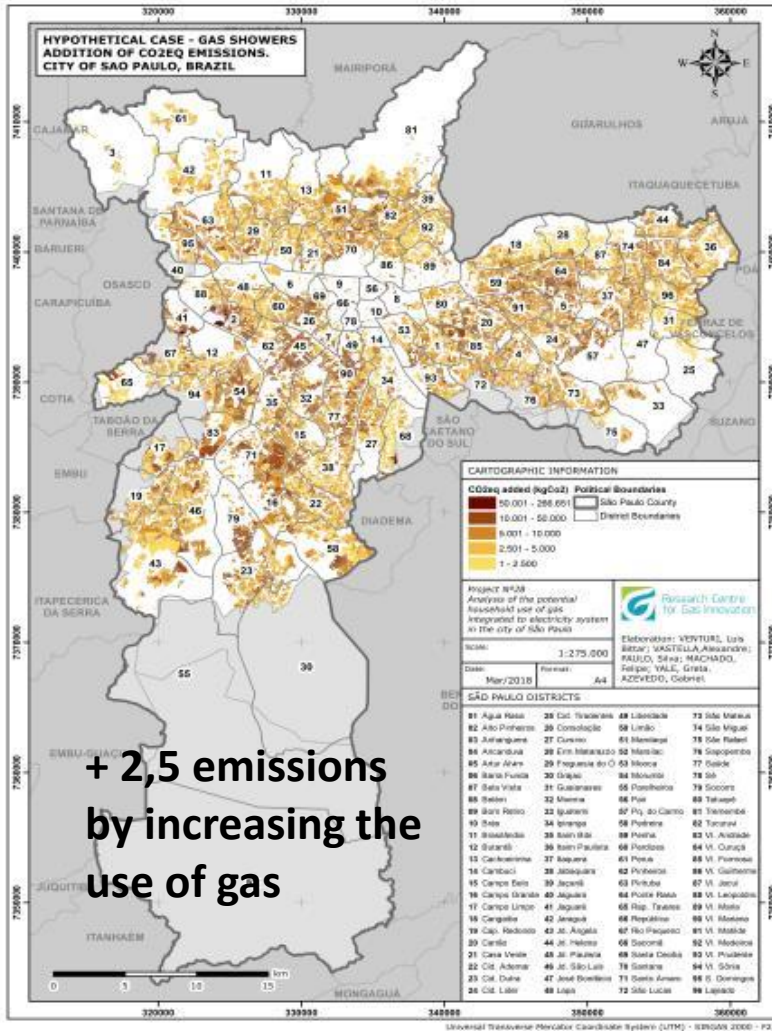
Methodology

- Scientific combination of:
- **Theory:** concepts of the subject chosen (sustainability, vulnerability, risk, mobility etc) and its respective indicators
- **Methodology:** AHP matrix, attributing different weights to each indicator.
- **Technique:** insertion of the matrix in a GIS software to build the map.

Results



Other possible uses



- Urban Mobility
- Urban violence
- Water supply
- Natural hazards
- Pollution etc
- *Patent solicitation (AUSPIN-INPI, number 870180055653).*



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