Welcome to the Urban Roadmaps Scenario Building Tool Training Webinar

Webinar Host: Guy Hitchcock

Webinar Demonstration Agenda

- Illustrate the objectives and structure of the tool

- Highlight the policies and outputs available

- Demonstrate the City Wizard and Tool live

- Review some pre-designed examples of policy sets

- Indicate the required steps in developing a roadmap

- Signpost further support and information repositories

- Question and Answer session

Key Objectives of the Online Tool

- The ability to screen and assess transport policies and measures

- Provide quantitative outputs covering a range of metrics

- Adaptable to different city circumstances

- Very easy to use – no experience in transport modelling required

- No specific software required

- Covers all relevant transportation/travel modes

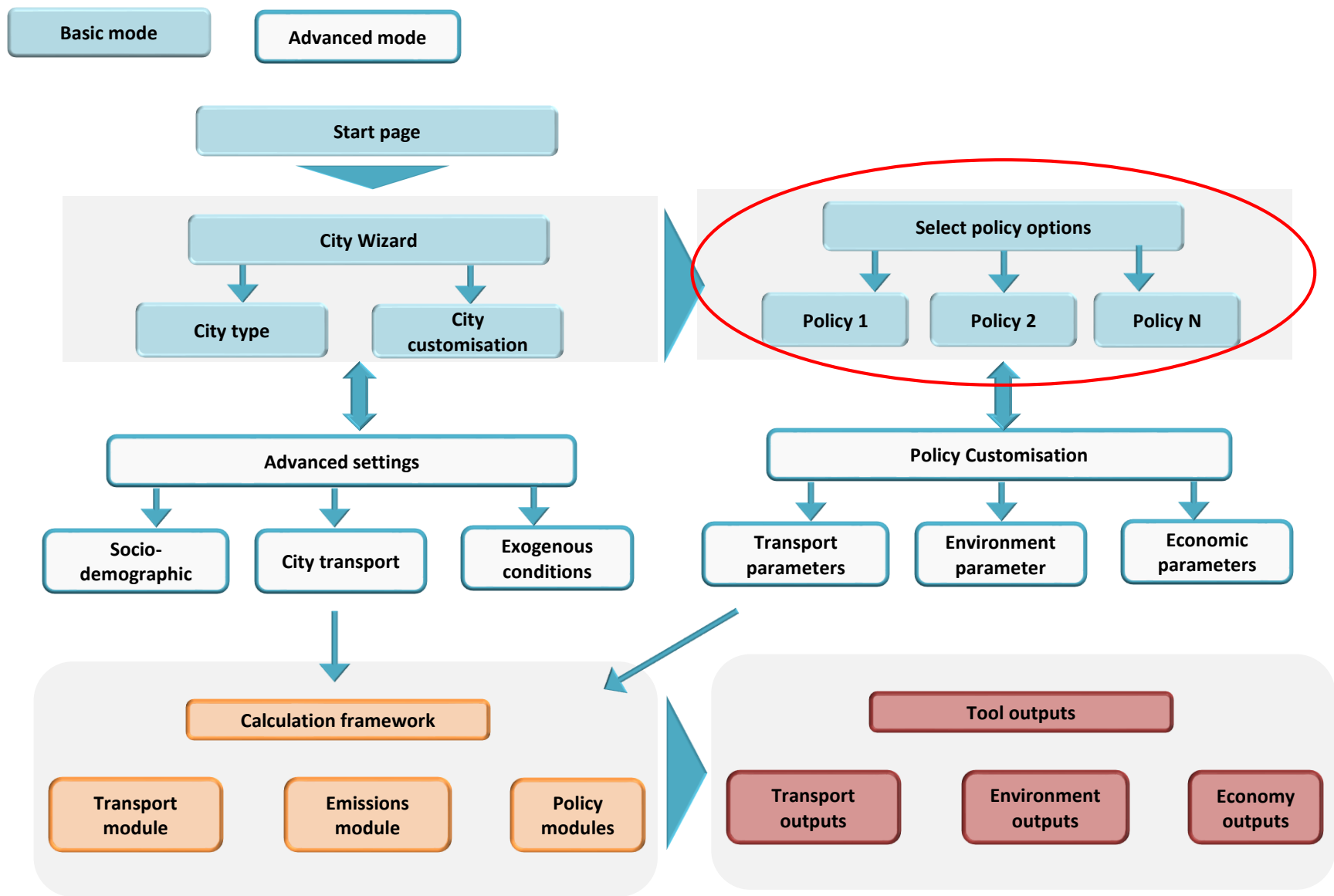# Link to the Sustainable Urban Mobility Plan (SUMP) process

Facilitates assessment and discussion of current issues

Quantification supports development of priorities and targets

Allows scoping and development of policy packages
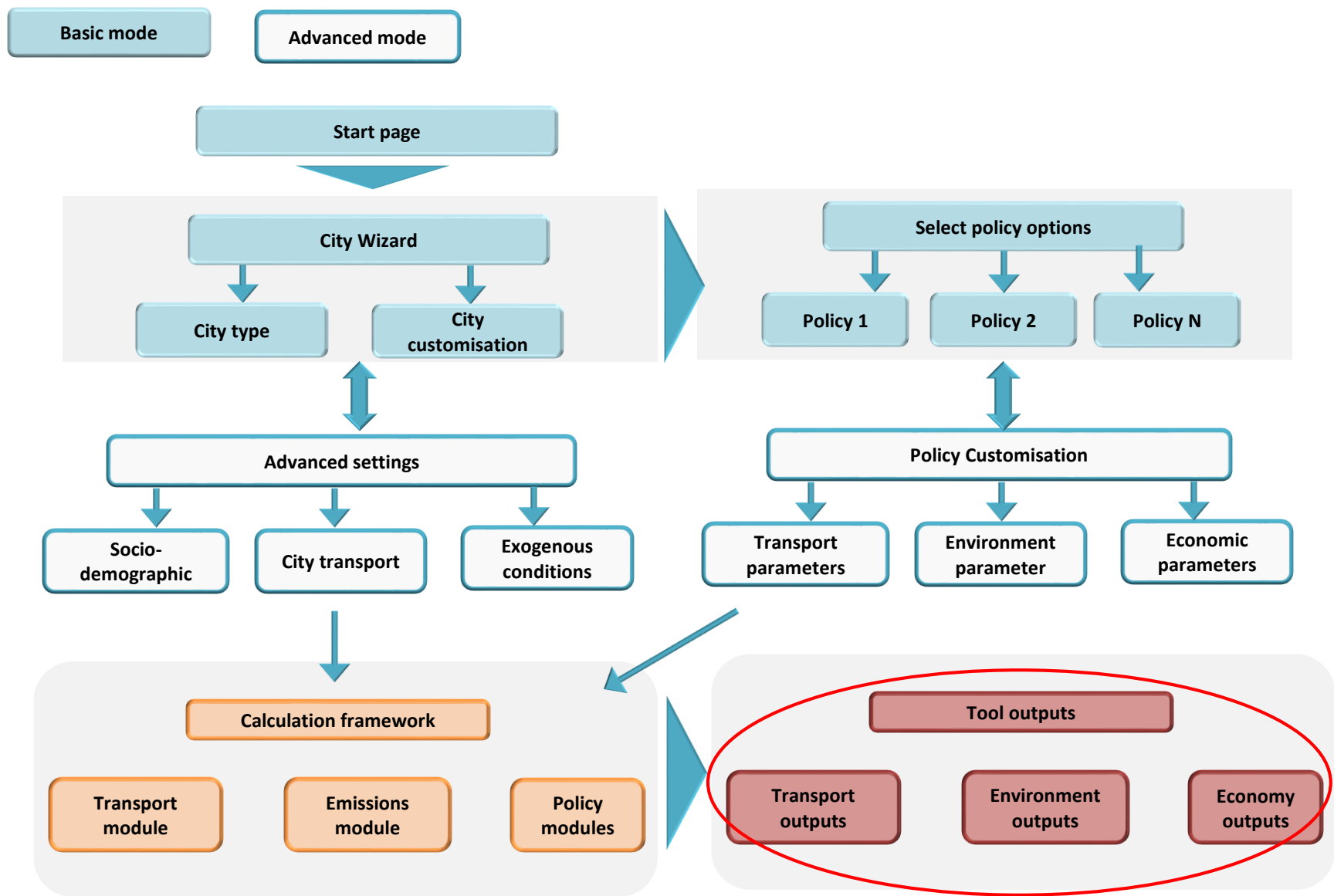
Outline structure of the tool

Basic mode

Advanced mode

Start page

City Wizard

City type

City customisation

Advanced settings

Socio-demographic

City transport

Exogenous conditions

Select policy options

Policy 1

Policy 2

Policy N

Policy Customisation

Transport parameters

Environment parameter

Economic parameters

Calculation framework

Transport module

Emissions module

Policy modules

Tool outputs

Transport outputs

Environment outputs

Economy outputs

The Policy Toolbox

Policy Type	Measure
Demand Management	• Sustainable travel information and promotion • Bike Sharing Scheme • Car sharing (Car Clubs) • Delivery and Servicing Plans • Land-use planning - density and transport infrastructure
Green Fleets	• Green energy refuelling infrastructures • Green public fleets
Infrastructure Investments	• Bus, trolley and tram network and facilities • Walking and cycling networks and facilities • Park and ride • Metro network and facilities • Urban Delivery Centres and city logistics facilities
Pricing and financial incentives	• Congestion and pollution charging • Parking pricing • Public Transport integrated ticketing and tariff schemes
Traffic management and control	• Legal and regulatory framework of urban freight transport • Prioritising Public Transport • Access regulation and road and parking space reallocation • Traffic calming measures

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Basic mode

Advanced mode

Start page

City Wizard
- City type
- City customisation

Select policy options
- Policy 1
- Policy 2
- Policy N

Advanced settings
- Socio-demographic
- City transport
- Exogenous conditions

Policy Customisation
- Transport parameters
- Environment parameter
- Economic parameters

Calculation framework
- Transport module
- Emissions module
- Policy modules

Tool outputs
- Transport outputs
- Environment outputs
- Economy outputs

Tool Outputs

Transportation outputs

- Cars per thousand inhabitants
- Mode split
- Average car speed in peak / off-peak hours
- Average bus speed in peak / off-peak hours
- Average distance per trip
- Share of freight traffic in peak / off-peak hours
- Penetration of alternatively fuelled vehicles
- Vehicle km travelled

Environment / safety outputs

- CO_2 emissions
- PM emissions
- CO emissions
- NOx emissions
- VOC emissions
- Energy consumption by fuel type
- Energy consumption by mode
- Number of accidents
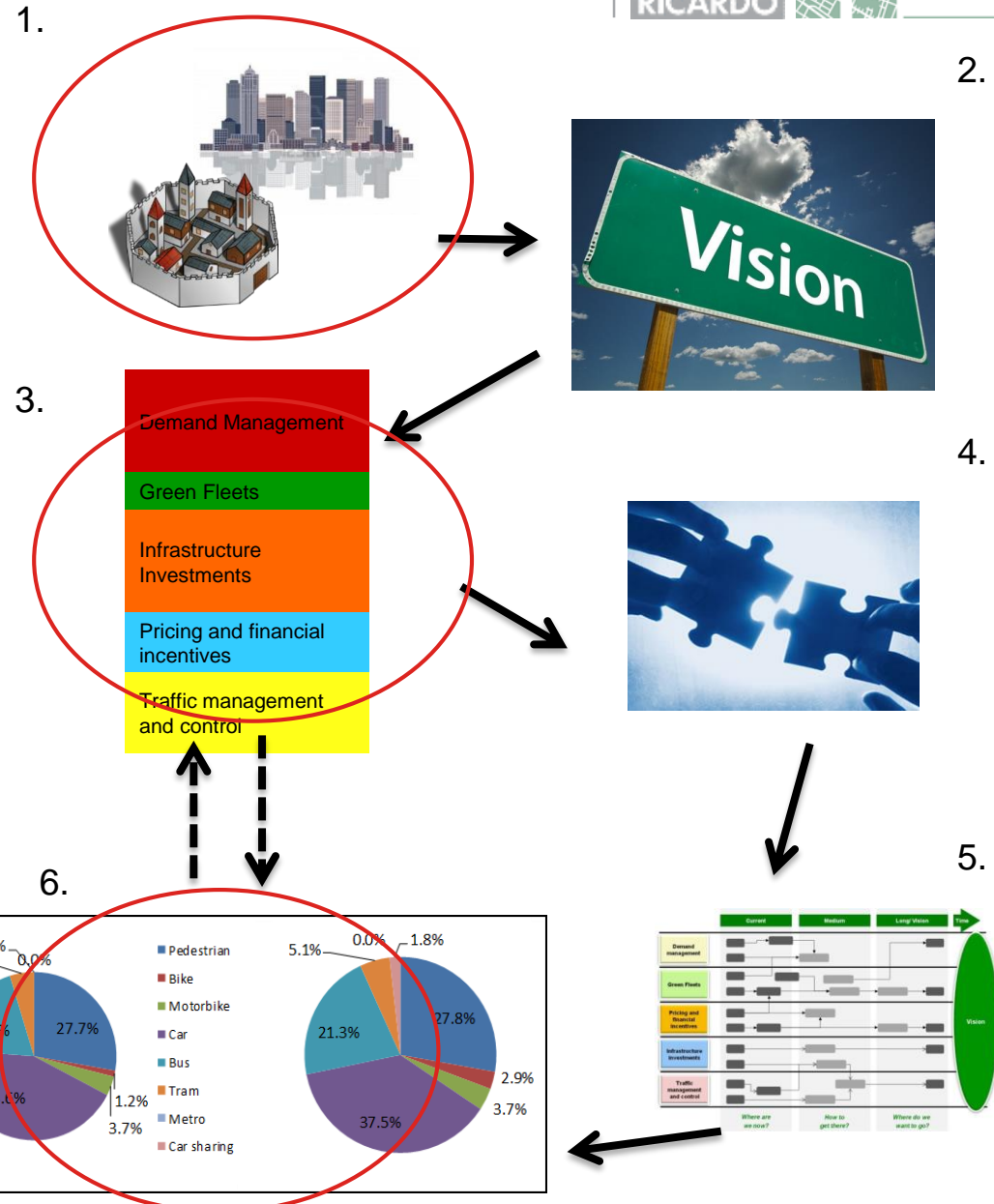- Fatalities per 100,000 inhabitants

Economic outputs

- Transport expenditure per individual
- Total transport expenditure/revenue by the public administration
- External or Social costs of transport
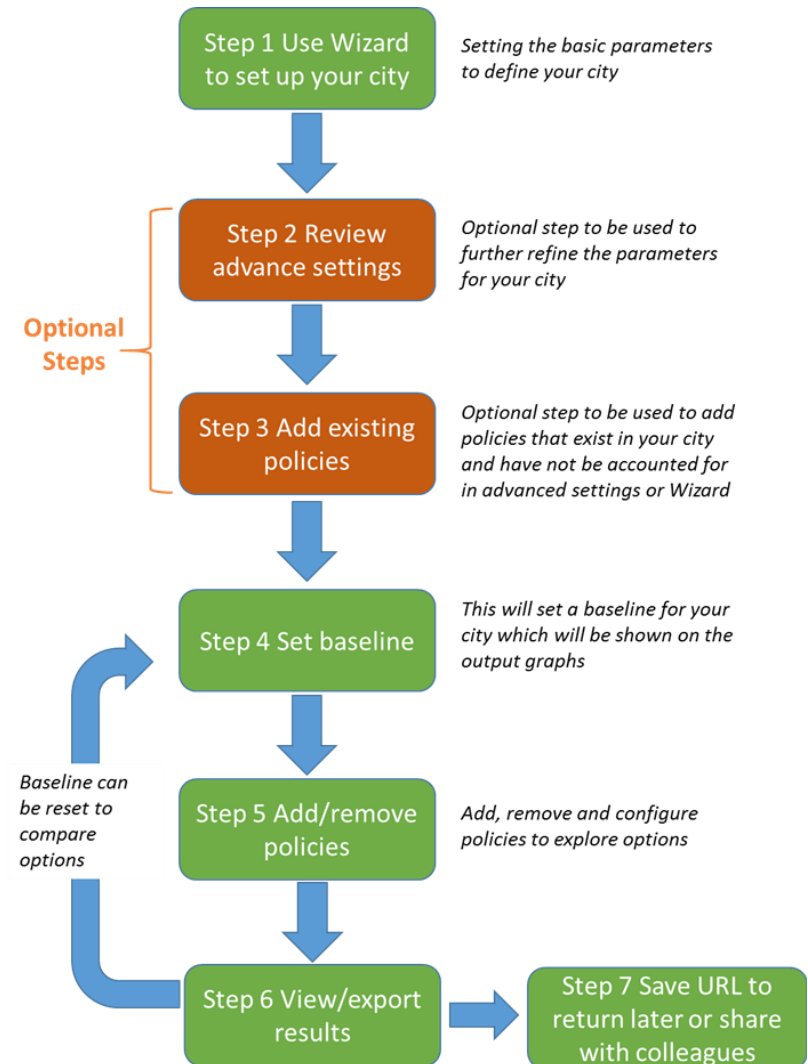
Launch Roadmaps Tool

Developing a roadmap

1. Analyse the current situation

2. Setting the vision (objectives)

3. Identify policy measures

4. Grouping of policy measures in consistent strategies

5. Specify the pathway and timelines to proceed towards scenarios' goals

6. Assess the outcomes

Help and further information

- Information icons (i) are available throughout the tool

- The Homepage of the website contains:
  - Quick start user guides (English, Italian, German, Polish, French, Spanish)
  - Recordings of these webinars (English, Italian, German, Polish, French, Spanish)
  - A full user guide (English only)
  - Roadmaps guide (English only)

- Links to other EC tools (in the about page)

- Contact form

Step 1 Use Wizard to set up your city — *Setting the basic parameters to define your city*

Optional Steps

Step 2 Review advance settings — *Optional step to be used to further refine the parameters for your city*

Step 3 Add existing policies — *Optional step to be used to add policies that exist in your city and have not be accounted for in advanced settings or Wizard*

Step 4 Set baseline — *This will set a baseline for your city which will be shown on the output graphs*

Step 5 Add/remove policies — *Add, remove and configure policies to explore options*

Baseline can be reset to compare options

Step 6 View/export results

Step 7 Save URL to return later or share with colleagues

The tool can be accessed at

http://urban-transport-roadmaps.eu/

Questions and discussion?

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