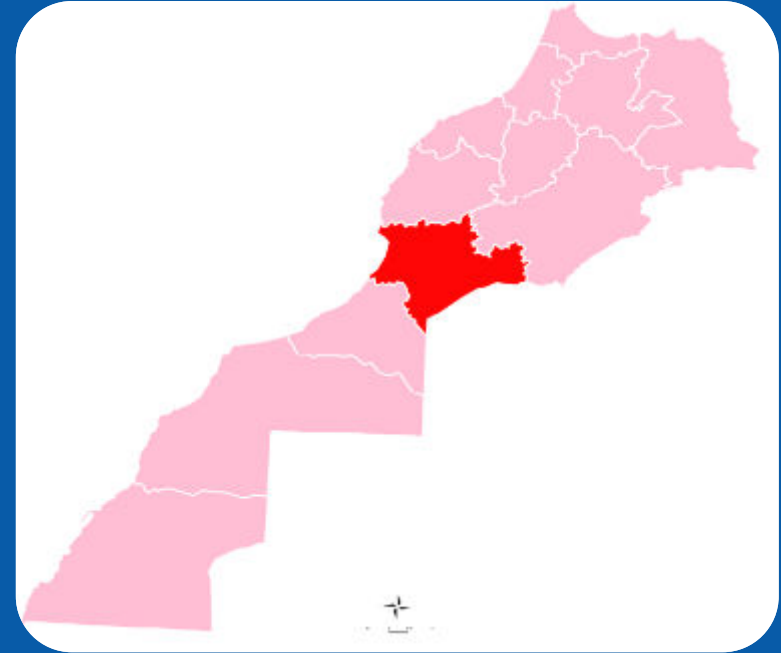




Amalway
AGADIR TRAMBUS

AGADIR
PROGRAMME DE
DÉVELOPPEMENT URBAIN
2020 - 2024





- The City of Agadir is the metropolis of the Souss-Massa region
- The Commune of Agadir covers more than 110 km²
- Population: 497,539 inhabitants
- Economic sectors: Tourism, Fishing and Agriculture



The City of Agadir's Climate Plan aims to achieve national energy and climate objectives by 2030:



- Reduce energy consumption by 15%
- Increase the share of renewable energies in the region
- Reinforce the renewal of car fleets (electric cars)
- Improve energy efficiency - Achieve a 40% recovery rate for liquid and solid waste


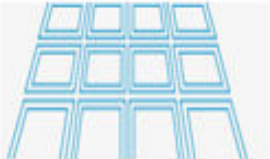







- Offer high-quality services to citizens and businesses
- Adopt sustainable, resilient, intelligent and inclusive development
- Create a more attractive and competitive territory



COMMUNAL ACTION PLAN 2022 - 2027: OBJECTIVES IN FIGURES

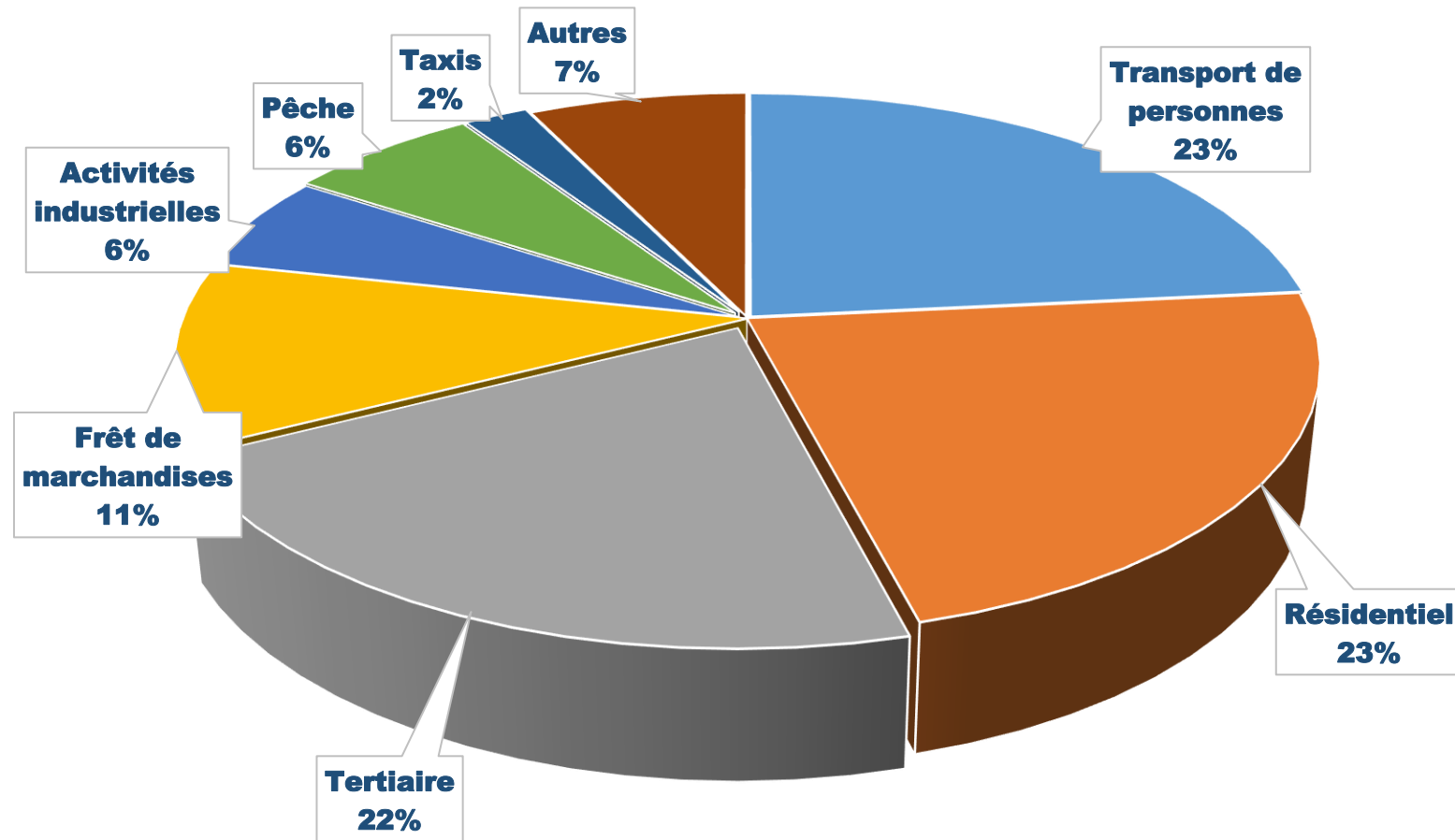


Buildings Renovation	Renewable source	Transport and mobility		Green spaces	Liquid waste recovery	Solid waste recovery	
							
<p>All municipal buildings</p> <p>Schools</p>	<p>PV solar panels installed</p>	<p>3 BRT lines</p>	<p>Over 140 Km of bike lanes</p>	<p>Over 190 Km of pedestrian network</p>	<p>Green spaces ratio > 8m²/inhabitant</p>	<p>Over 30,000 m³ EUE reused</p>	<p>40% waste recycling</p>

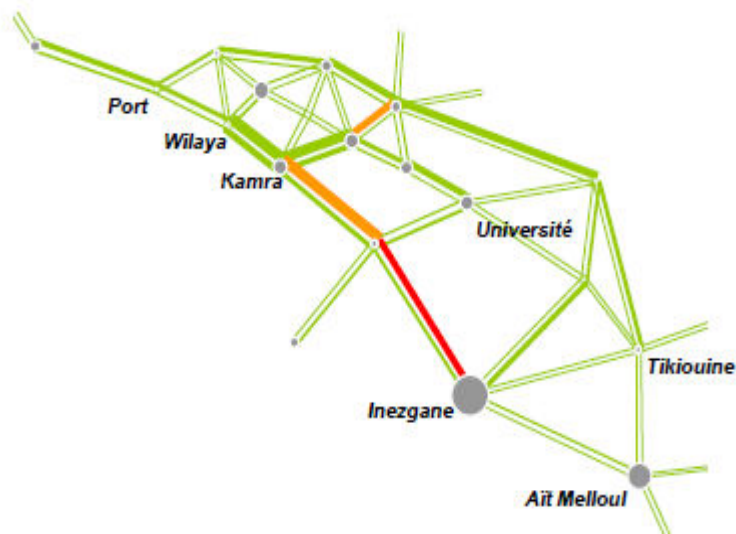


GHG EMISSIONS - 2013 REFERENCE REPORT

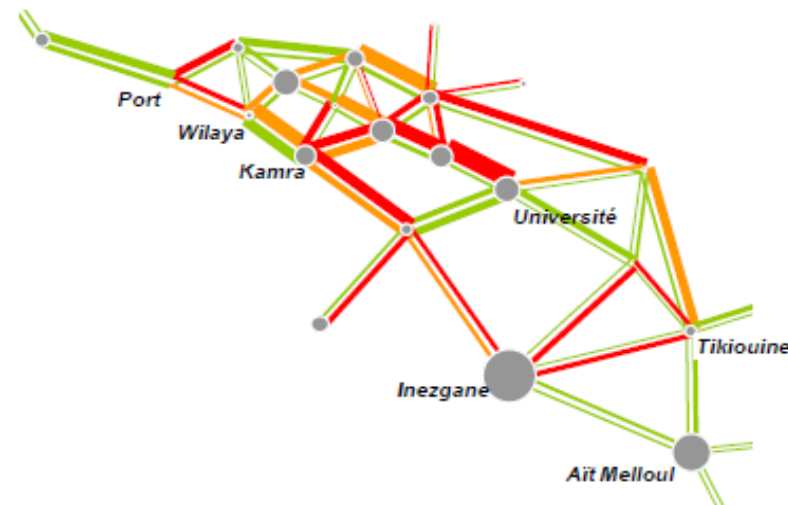
GHG EMISSION RATES: REFERENCE STATUS 2013



MORNING RUSH-HOUR TRAFFIC



2012



2030

- Around 25% increase in flows on the N10 Agadir Centre to South-West route
- Doubling of traffic flows on the N10 Agadir Centre to South-East axis
- 300% increase in flows on the Avenues between the Souk and the Universities

By 2030, without major action on public transport, all the roads linking the downtown area of Agadir to the south-east will be saturated.



PROJECTION OF THE TOTAL VOLUME OF TRAVEL 2012 - 2030

	2012 HPM	2020 Réf	2030 Réf
Public transport	15600	19500	21800
Passenger cars	27700	51600	87 900
Grand Taxis	13900	17000	18900
Small Taxis	13000	15600	16800
Total cars + cabs	54600	84100	123600
Grand total	70200	103600	145400

In terms of total travel by all modes, we note a doubling in the total volume of trips from 70,000 in 2012 to around 145,000 in 2030, in the Morning Peak Hour.



BUS FLEET AND FREQUENCY



- With a fleet of 201 buses structured into 40 routes serving 24 destinations throughout the region, we cover an average of 50,000 km every day.
- Network ridership is growing very rapidly: 25.8 million trips in 2011 (an average of 2.1 million per month), 36.4 million in 2012 (an average of 3.0 million per month), and 48.5 million in 2014.
- In 2014, average daily traffic was around 133,000.
- Students accounted for 19% of customers in 2014.



CAB FLEET IN URBAN AND INTER-URBAN AREAS

Some 3,300 cabs operate in Greater Agadir



- 1,800 Grand Taxis in intercity areas
- 110,000 trips per day
- Nearly 60,000 people a day



- 1,500 Petits Taxis in urban areas
- 85,000 trips per day
- Nearly 60,000 people a day

**In total, cabs carry 50% more passengers than the bus network.
(not to mention informal transport)**



MORNING RUSH HOUR TRAFFIC CONGESTION



- The project to build the first BRT line meets the mobility challenges of the greater Agadir area which, while not yet facing major traffic problems, will have to cope with strong urban and demographic growth within the next 15 years.
- It represents the first stage in the construction of an exclusive right-of-way public transport network integrated with the other modes of transport in the greater Agadir area .
- The chosen route, 15.5 km long provides access to numerous business hubs, residential areas and urban amenities, without generating significant environmental impacts. Vigilance is required with regard to the project's impact on other modes of transport, in particular large cabs.



IMPLEMENTATION OF THE AGADIR CITY'S 1st BRT line

- Length: 15.5 km
- 35 stations- 6 Interchanges
- Average distance between stations = 450m

خط BHNS —
محطة ○
المحطة الأخيرة □
قطب التبادل ■
طول الخط 15.5 كلم
المسافة المتوسطة بين المحطات 440متر

A more frequent bus service: every 3 to 4 minutes during rush hour, and every 10 minutes during off-peak hours, with a 6 a.m. to 10 p.m. service window, and continuous service during holiday periods.



PROJECT COMPONENT 1st LINE BHNS



Network



Structures



Infrastructure



Interchanges



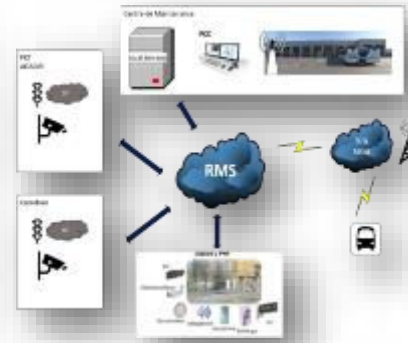
Urban planning and landscaping



Street furniture



Fleets



SAEIV/ Ticketing/ SLT



CMR



INFRASTRUCTURE OF THE 1st BRT LINE



EXCHANGE POLES FOR THE 1st BHNS LINE



North kasbah Agadir exchange hub



Interchange hub, administrative district



Place Salam Sud Agadir transport hub



LANDSCAPING OF THE 1st BHNS LINE



ECLAIRAGE PUBLIC DE LA 1ère LIGNE BHNS



1st BRT LINE STATION FURNITURE



FLEETS FOR THE 1ST BUS LINE

30 articulated diesel buses of 18 m, with a capacity of between 130 seats (standard comfort) and 150 seats (acceptable comfort)



MAINTENANCE AND STORAGE CENTER FOR THE 1ST BHNS LINE



AGADIR 1st CABLE CAR LINE



THANK YOU FOR YOUR ATTENTION



مدينة آݣادير
VILLE D'AGADIR



OPERATION OF THE 1st BHNS LINE BHNS / PRIORITY

SIGNALING



BILLETIQUE



SYSTEM : SAEIV / LOW VOLTAGE

