SOFIA’S PATH TO SUSTAINABILITY
THE METRO = SOFIA’S BIGGEST PROJECT
NEXT YEAR, OVER 90% OF ALL CITY BUSES WILL BE EURO 6 STANDARD
From 1 November:

Additional 5500 regulated parking spots

EXPANSION OF PARKING ZONES
ELECTRIC CAR SHARING

110 CARS
SUSTAINABLE URBAN MOBILITY PLAN

- Solve: low average speed of buses, trams, trolley-buses
- Increase attractiveness and comfort of public transportation
- Improve modal split in favour of pedestrians, cyclists and public transport
- Decelerate the rate of motorisation
- Improve efficiency, decrease pollution
- Developed in parallel with all strategic initiatives
- Time scope: 2016-2035
1. Диаграмма показывает распределение зон на различных расстояниях:
- 500-3000 м: 45 / 38%
- 200-500 м: 24 / 20%
- 200 м: 21 / 18%

2. Карта с обозначениями мест:
- "Кауфланд"
- Улицы: "Пирин", "Блейкер" и др.

3. Карта с красной областью и узкой зеленой линией, указывающей на определенные места.

4. Фотография группы людей, пешеходы, в том числе дети.
REMOTE MEASUREMENTS OF CAR EMISSIONS
“WE MUST PREVENT THE MIGRATION OF DIESEL VEHICLES FROM THE WEST TO THE EAST”

- The Bulgarian Minister of Environment

An initiative supported by 8 EU Member States
ANALYSING THE MOBILITY HABITS OF WORKERS

Findings:

- The car is the most popular way of getting to work.
- In most cases, there is only a single passenger in each car.
- Walking and cycling are not preferred at all.
- The most preferred type of public transport is the metro.
- Our aim is to partner with employers and encourage workers to travel together.

The offices of some of the biggest employers in the city are located in difficult-to-get-to places.
LIFE: GLOBAL SYSTEM FOR TRAFFIC EMISSION MANAGEMENT

**Challenge**
- Reduce traffic emissions

- 10% of the highest polluting vehicles are responsible for 50% of the emissions caused by traffic.

- Traffic contributes with 60% of total emissions in major cities.

- Pollutants as CO₂, CO, NO, NO₂, NOₓ, and PM are the main responsible for bad air quality.

**RSD+ Development**
- Newly remote sensing device development:
  - Allows monitoring main exhaust gases, included NO₂
  - Non-intrusive measurements
  - Accurate
  - Working on real driving conditions

- Strict tests for device validation

**Demonstrations**

- **Madrid**
  - Public: 2 RSD+ will monitor Madrid’s fleet during 23 months: a total of 700,000 vehicles, per year.

- **Sofia**
  - Fleet: 1 RSD+ will monitor Sofia’s public bus fleet during 23 months: a total of 150 buses.
SOFAIR + SOFIA URBAN CHALLENGE = THE FIRST PUBLIC BIKE SHARING SYSTEM IN SOFIA

9 months

public-private partnership
DISCOVER VITOSHA MOUNTAIN ON A BIKE!
SAVE THE DATE
12 APRIL 2019

SOFAIR
EUROPEAN AIR QUALITY CONFERENCE
THANK YOU!

The Borisova Garden