

DRIVING ASSISTANT APP

 For cars ·  For motorbikes

Auto Robot CoPilot

The co-pilot that watches the road ahead of you,
by car or by motorbike.

It warns you and helps you **avoid** roadworks, queues and speed cameras
in the direction you're heading, without setting a route.



THE PROBLEM

On everyday roads, nobody switches on the satnav

With a satnav

It warns you about queues and roadworks only if you set a destination.

In real life

Nobody sets it to drive to work or back home, so roadworks take you by surprise.

A Monday morning in Milan: roadworks on Viale Fulvio Testi, a 12-minute queue, found only on arrival.

THE IDEA

It recognises your routes by itself and warns you about roadworks, slowdowns and speed cameras in the direction you're heading.

And helps you avoid them. Automatically. No route to set.

 By car and  by motorbike, with a profile for each.

IT DOESN'T JUST WARN YOU

Helps you **avoid** what slows you down



Queues

with real-time traffic



Roadworks

and road closures



Cameras

5,000+ speed cameras
in Italy



Tolls

when you don't need
them



Potholes

the ones you report

It picks the road that avoids them and tells you why: “ **Avoids Viale Fulvio Testi (queue, roadworks)**”.

HOW IT WORKS

Three steps, all automatic

1 It works out where you're going

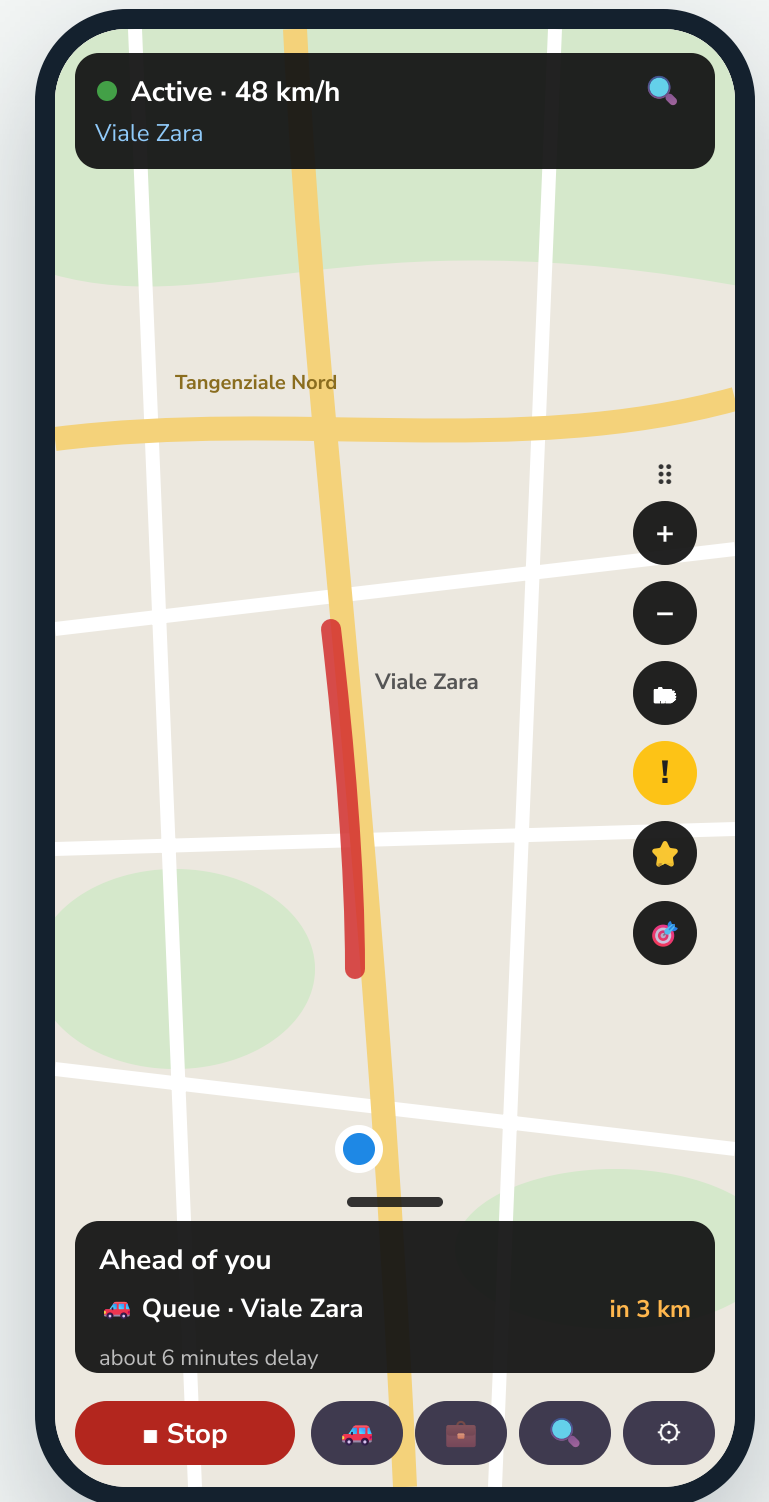
As you set off it guesses from your habits: where you start, what time, what day. Then it checks against the road you take.

2 It watches only your route

Queues, roadworks and speed cameras on your route, in your direction. Nearby roads you don't take don't count.

3 It speaks only when needed

2–3 minutes before the problem: “Queue in 3 kilometres on Viale Zara”. If it doesn't know where you're going, it stays almost silent.



FROM THE BLACK BOX · A TEST DRIVE

It helps, **without nagging**

BEFORE

12

traffic alerts from home to work, nearly all on roads never driven (ring road, motorway, streets in other districts), some 10–15 km away. Plus a speed camera facing the other way.

NOW

0

of those alerts would be spoken: it guesses the route, talks only about that, 2–3 minutes before the problem, and learns which way cameras face.

On Viale Zara it tells you about the queue on Viale Zara. Turn into Viale Monza, and it's the problem on Viale Monza. Nothing else.

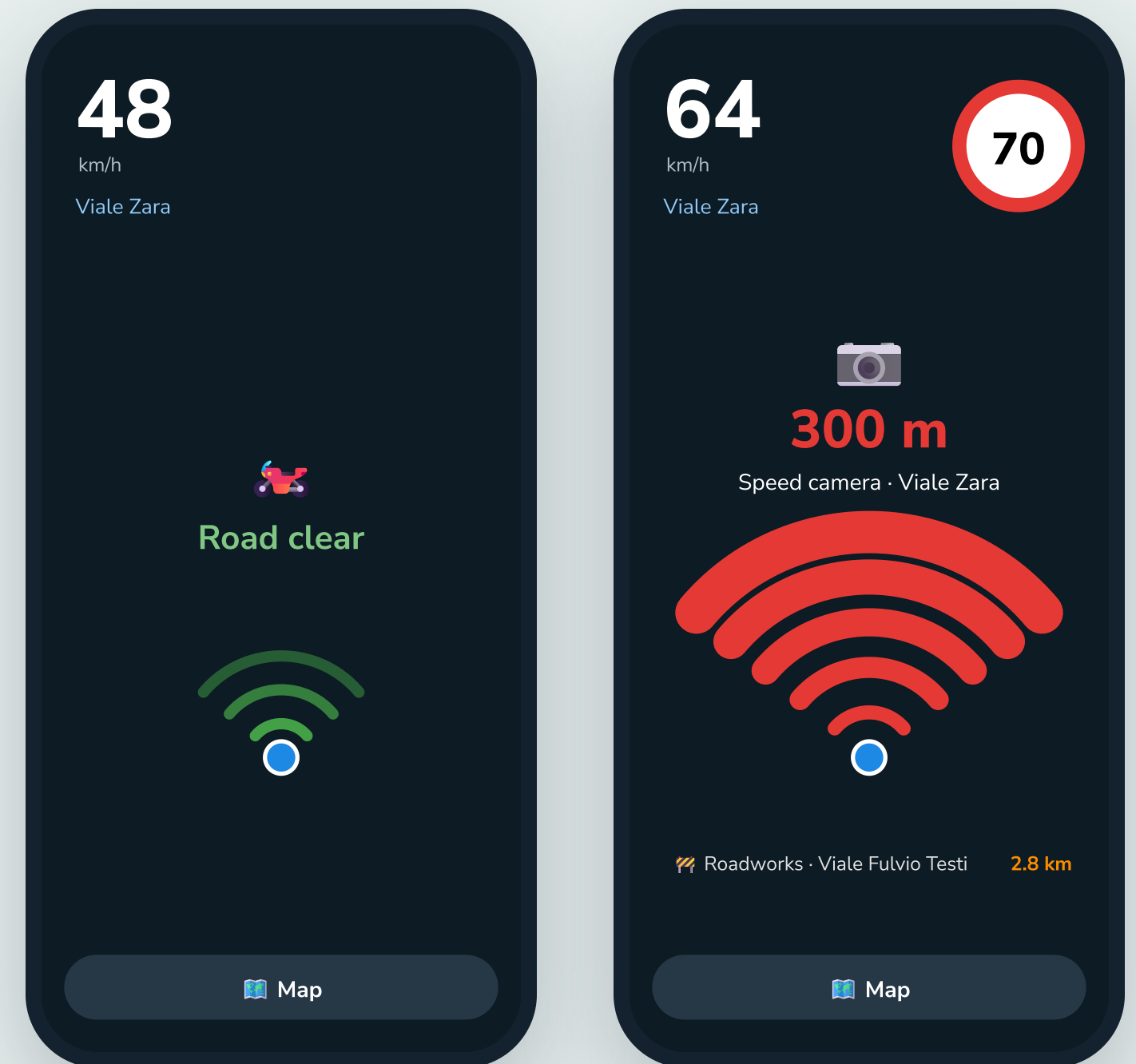
RADAR VIEW

At a glance, even on a motorbike

Green, few arcs when the road is clear.

Red bars (orange for roadworks) that grow as you get closer: 5 bars under 300 m.

Big distance readout, speed and the limit sign.



ON THE MAP

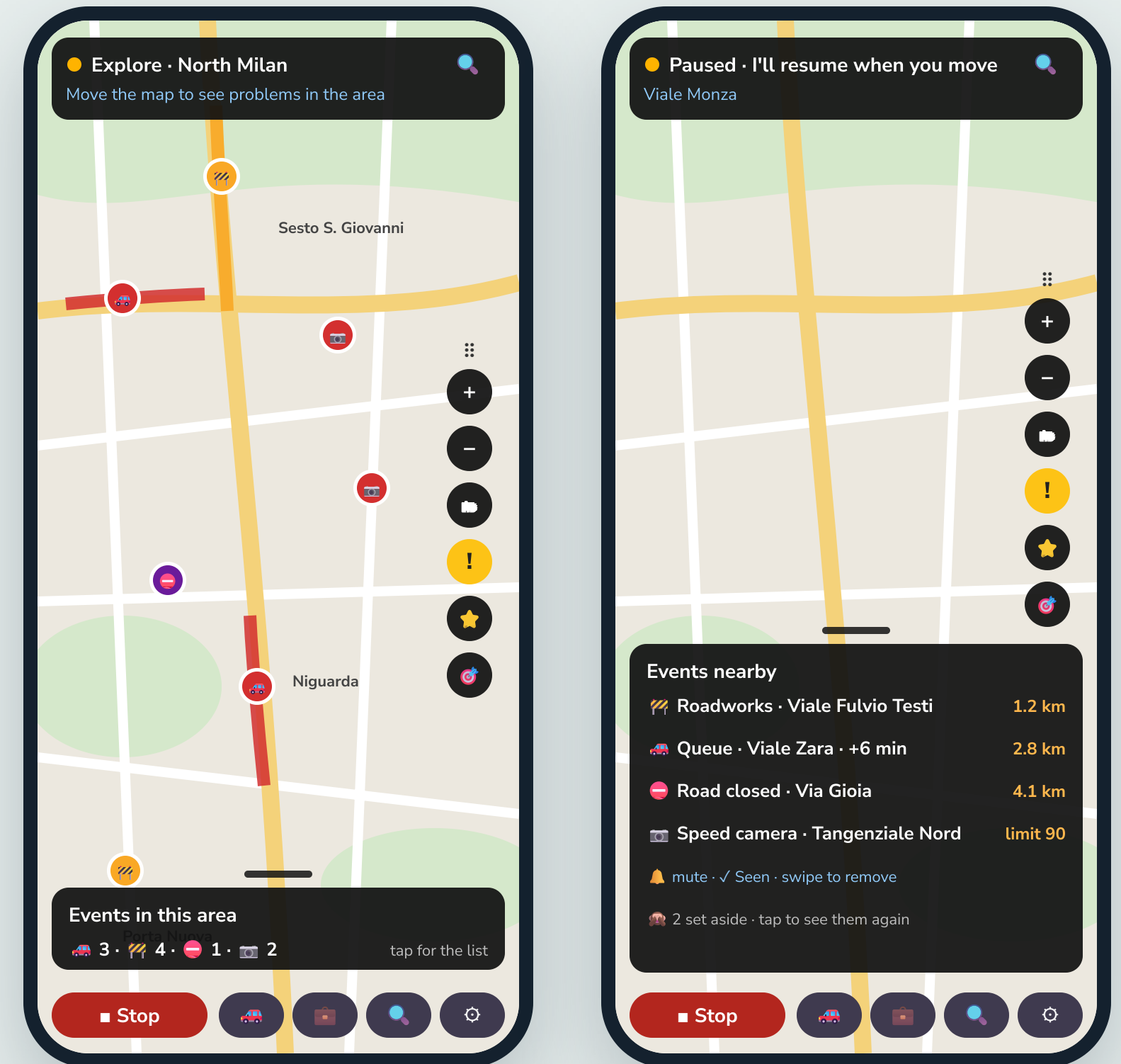
See problems before you set off

Move or zoom the map to any area: queues, roadworks, closures and speed cameras show up with their own icons.

 **Map layers:** speed cameras, slowdowns and  **My trips** with current problems. North up or direction of travel.

Just like a satnav: your car or motorbike seen from above, speedometer with the limit, alternatives with “+7 min” and a green, amber or red bar, then **Start**.

 **Report:** speed camera, pothole, rough road, other. Buttons and panels can be moved wherever you like.

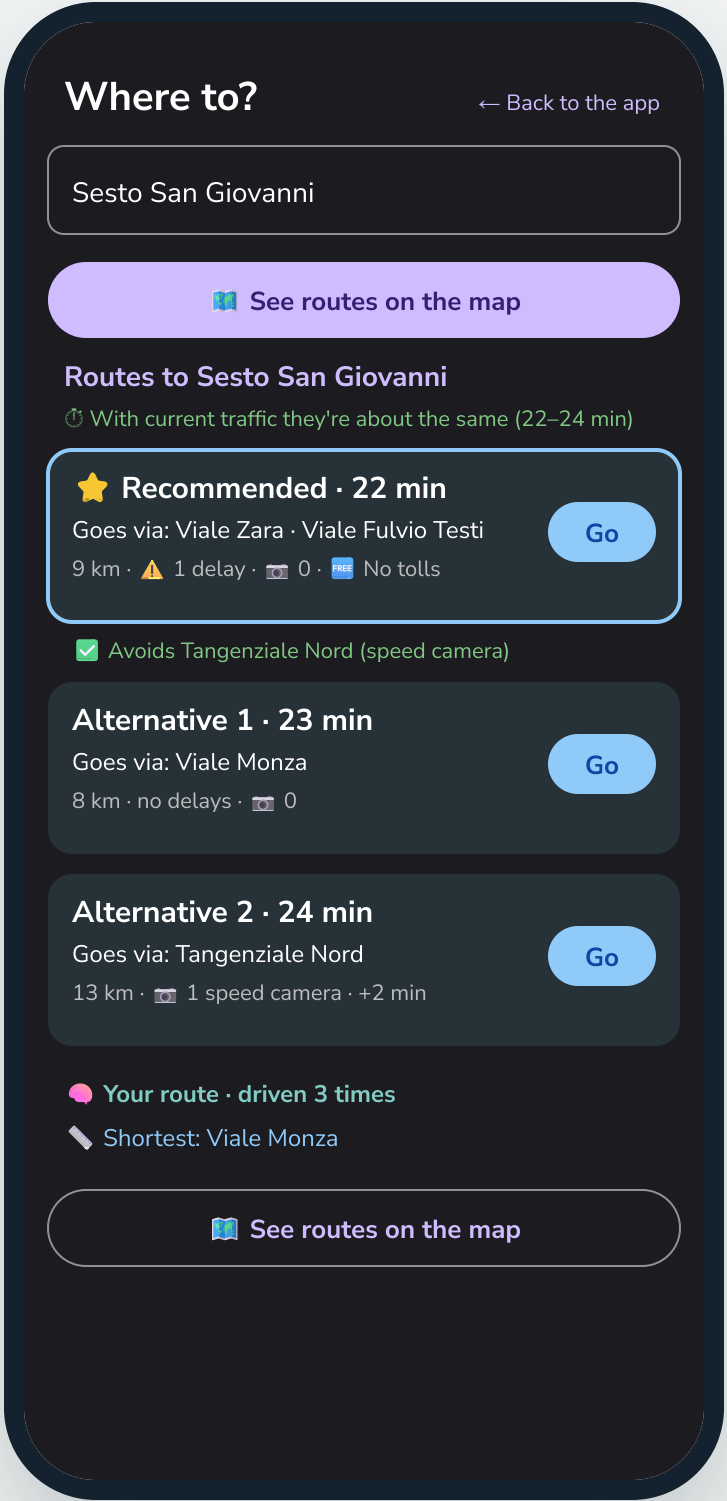


EXAMPLE · RUSH HOUR IN MILAN

From Porta Nuova to Sesto San Giovanni: which way is best?

Route	Time	Km	Problems
★ Viale Zara → Fulvio Testi	22 min	9	1 queue
Viale Monza	23 min	8	none
Tangenziale Nord	24 min	13	1 speed camera

The app says it plainly: “With current traffic the routes are about the same (22–24 min)” and “Avoids Tangenziale Nord (speed camera)”.

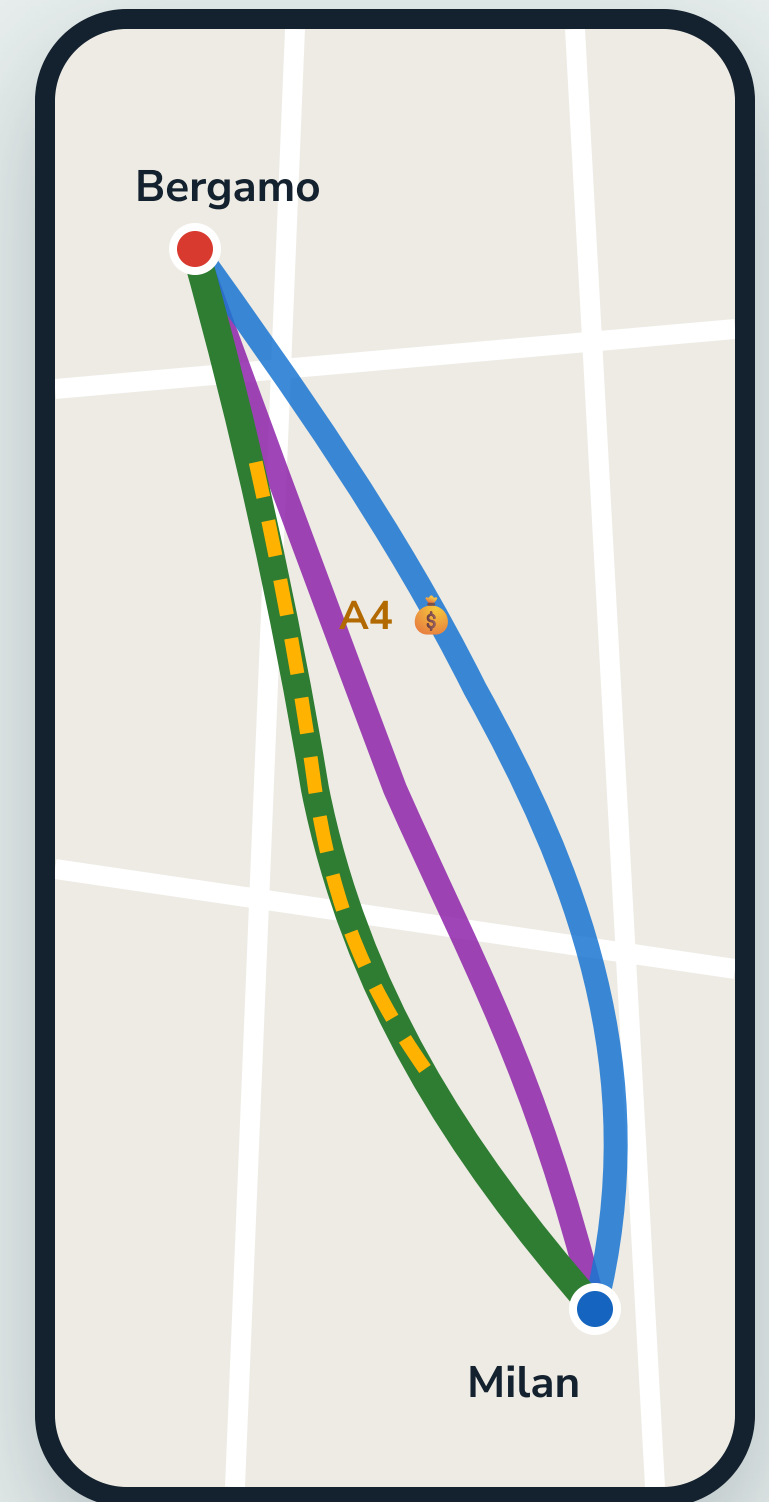


BEFORE YOU SET OFF

Tolls and speed cameras: see them before you go

- Every route shows whether it has tolls: “💰 **Toll road: A4 (38 km)**” or “**FREE No tolls**”
- The route's speed checks: “📷 **2 speed checks · see where**”, with road, distance and limit
- A switch: “**Avoid toll roads**”
- “🗺️ **See routes on the map**”: all the alternatives together, and **tap a line to choose** 🖱️

— Recommended — Alternative — Alternative — — Toll section



SELF-LEARNING

It learns your roads, not just its own

Your roads

Going home via Viale Monza or via Viale Fulvio Testi? They stay as two separate routes of yours.

It offers them

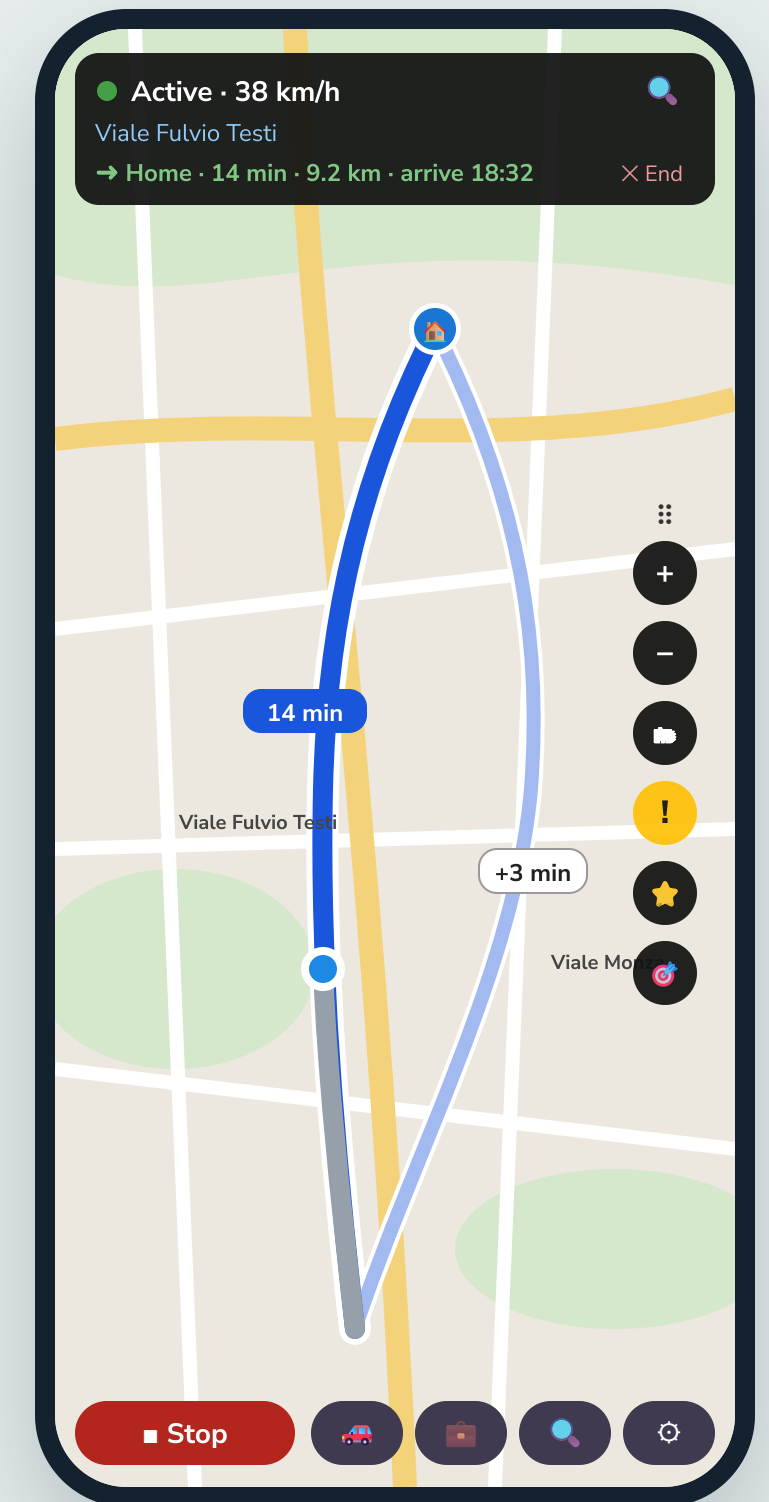
In “Where to?” they show up as “Your route”, with current traffic along your road.

It recommends them

If they're at most 3 minutes slower than the fastest: you're the one who knows the area.

Home and work

It works them out in a day and asks you to confirm: “ Sesto San Giovanni ·  Porta Nuova”. One round trip is enough.



TWO KINDS OF TRIP

Off to work or to the beach?

Daily

Home and work: it learns your routes, recognises them and suggests faster ones.

Occasional

Beach and days out: alerts in your direction of travel, without muddling your habits.

My itineraries: split into  and , picked with one tap, renamed or moved between categories.

WHO IT'S FOR

Built for the car and the motorbike



Car

Map always on screen, GPS every second, voice alerts that turn the music down.



Motorbike

At-a-glance radar view, vibration, battery saver.

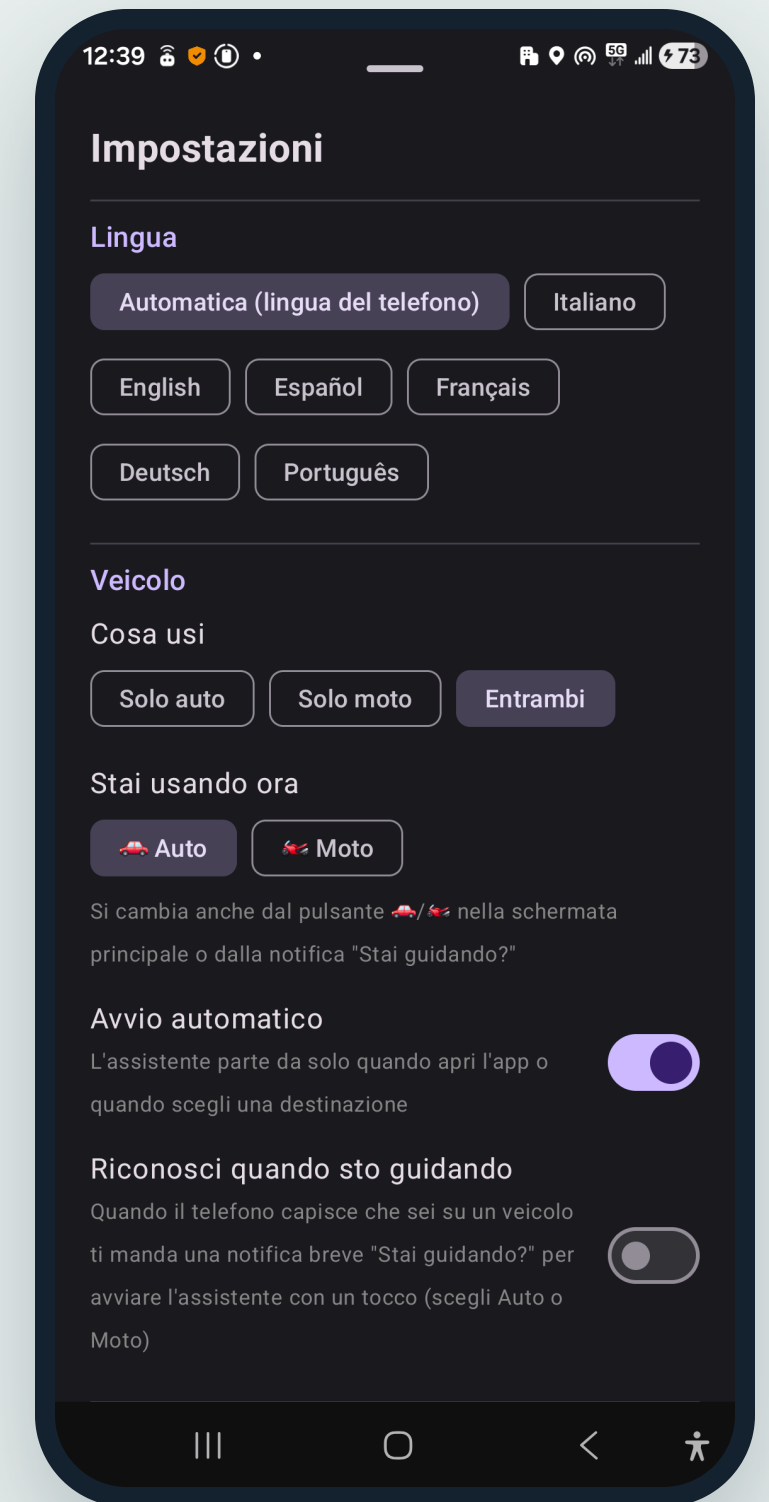
Queues in yellow, passable with care; closed roads and accidents in red.

Starts by itself: as soon as the phone connects to the **car's Bluetooth**, as soon as you open the app or when you get moving again after a break. Nothing to switch on.

TAILORED TO YOU

It adapts to you

- **6 languages**, voice included: Italian, English, Spanish, French, German, Portuguese
- Choose which events to report: speed cameras, queues, roadworks, closures
- How many times to warn, and how many seconds before a speed camera
- Voice, beep, vibration and auto start



BATTERY AND RELIABILITY

Light on battery, works offline too

2.5 m

location accuracy

Standing still, 302 fixes in 5 minutes, all within 2.5 m. On the move it glides smoothly and snaps to the road.

5,176

Italian speed cameras

Built into the app, even with no signal. Direction from one-way carriageways or learnt as you drive past; never hidden.

47

automated tests

On the core logic, in all 6 languages. Errors can be reported with one tap.

PRIVACY

It saves your itineraries to improve them, **not to collect your data**



Stays on your phone

Itineraries, history, places and potholes. No Auto Robot CoPilot servers.



Only what's needed leaves

TomTom gets only the coordinates of each request, for traffic and routes. Never your history.



You decide

No account, no ads. “Delete all my data” in one tap.

Offline too: speed cameras, the chosen route, your itineraries and already downloaded events work without signal.

WHAT MAKES IT DIFFERENT

A co-pilot, not a satnav

No route to set

It looks ahead in your direction by itself.

It helps you avoid problems

It picks the road without queues, roadworks or needless tolls, and says what it avoids.

It learns your routes

And suggests the fastest road when it matters.

No account

Trips and places stay on your phone.

WHERE WE ARE, WHERE WE'RE GOING

Towards the robot co-pilot

Done • version 1.3

- Working Android app, road-tested
- Guesses your route and talks only about that
- Learns your roads, home and work by itself
- Radar view and route picking on the map
- Satnav-style graphics: car/motorbike icon, speedometer
- Privacy: data stays on the phone
- Starts by itself, also via car Bluetooth
- Car and motorbike (on a motorbike queues in yellow), 6 languages
- Weather, route and arrival always on top
- Clearer route preview, slide guide

Next steps

- iPhone app, Android Auto and CarPlay
- Road speed limit, Tutor, traffic lights, ZTL
- Alerts on top of Google Maps and Waze
- A voice you can talk to: on-device Gemma/Llama AI
- Google Play, **free**: friends first, then everyone
- Fix bugs using reports from users
- Then, in a later version, optional Premium



Auto Robot CoPilot

Your co-pilot on the road.



Ideas, proposals, suggestions? Write to us from the app: Settings → Suggest an improvement

Working prototype on Android · logic ready for iPhone