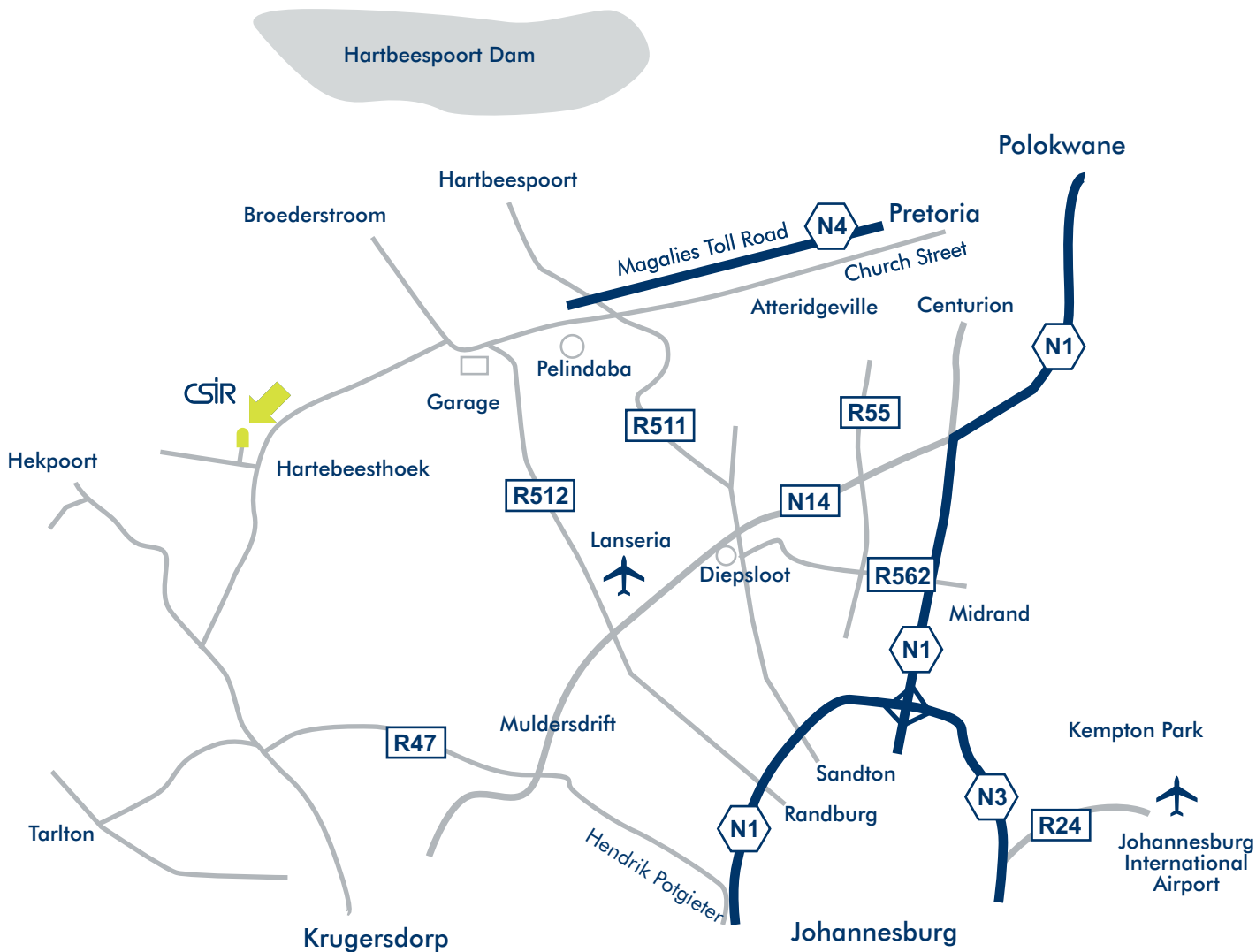


CSIR - Hartebeesthoek

CSIR Satellite Applications Centre

Physical address: Farm No 502 JQ, District Krugersdorp

Tel: (012) 334 5000



CSIR - Hartebeesthoek

Directions:

The CSIR Satellite Applications Centre (SAC) is approximately 60km North West of Johannesburg and 90km West of Pretoria. All roads to the centre are tarred, have a minimum width of 6m and are specified to carry a maximum load of 60 tons. In addition to the map to the centre, the directions below may be helpful.

From Johannesburg International Airport:

- Take the R24 heading towards Johannesburg.
- At the Gillooly's Interchange, approximately 10km from the airport, take the N3 North offramp heading for Pretoria (north bound). Approximately 12km from the Gillooly's Interchange, the road will become the N1. In total, you will travel on this road for approximately 25km.
- Get off the highway at the 14th Avenue offramp, which is marked Roodepoort. Turn right (west), passing under the freeway (bridges).
- At the 3rd set of traffic lights, turn right onto the M47 (Hendrik Potgieter Drive). Proceed for approximately 20km at which time you will reach a set of traffic lights at the N14/M47 crossing (Pinehaven).
- Cross the intersection and proceed for a further 10km until you reach a T-junction (Oaktree). This is the junction of the R563/M47.
- Turn right, heading west and proceed for a further 10km towards Hekpoort.
- At the road sign marked Broederstroom, turn right and continue for a further 10km.
- The CSIR Satellite Applications Centre is clearly signposted on your left.

From Pretoria City Centre:

- Proceed along Pretoria's main street, Church Street, in a westerly direction for approximately 30km – you will pass the suburb of Atteridgeville. (Church Street will become the R104.) Proceed until you reach a major four way stop, at which you cross the R511. Proceed straight ahead, still travelling in a westerly direction, for approximately 12km. You will pass first the entrances to Pelindaba, then a stop where the R512 joins (petrol station) and then you will pass Broederstroom.
- Turn left at the Hartebeesthoek sign. Proceed for a further 16km at which stage the CSIR Satellite Applications Centre entrance, on the right hand side, will be visible.
Note: The N4 - which can be accessed via the Quagga Toll Gate – runs parallel with Church in a westerly direction and can also be used. It can be accessed by taking Trans-Oranje Street from Church Street or from Vom Hagem Street).

From Johannesburg's Northern Suburbs:

- Proceed to the N1 and use the route described from the Johannesburg International Airport.

From the CSIR in Pretoria:

- Exit the CSIR campus, turning left into Meiring Naude Drive and get onto the N1 (south) towards Johannesburg.
- Approximately 10 km from the CSIR, the highway splits: the N1 continues towards Johannesburg, while the right hand lane becomes the N14. Take this road heading towards Krugersdorp (Mogale City). Proceed for approximately 40km until you reach the intersection of the N14/M47 (Pinehaven) crossing.
- Turn right onto the M47 at this crossing and continue as described in the route from the Johannesburg International Airport.