

Patel (Vall Company) Construction Project 2022

Project: New construction of outbuildings, loading areas and access roads

Location: Patel SAU, Carretera Vic L'Esquirol, Barcelona

Client: Patel (Vall Company Group)

Surfacing Contractor: Agustí y Masoliver, S.A. AMSA

Asphalt Supplier: Agustí y Masoliver, S.A. AMSA

Date: Summer 2022



OVERVIEW

Due to company expansion, Patel (a Vall Company Group) recently made the decision to extend the existing premises of their growing business which is located in Barcelona, Spain. As part of this expansion there was a requirement for additional buildings to be created, extended parking and increased loading areas. After a meeting with AMSA, it was also agreed that due to the increased traffic volumes, new access roads to the facility should also be created.

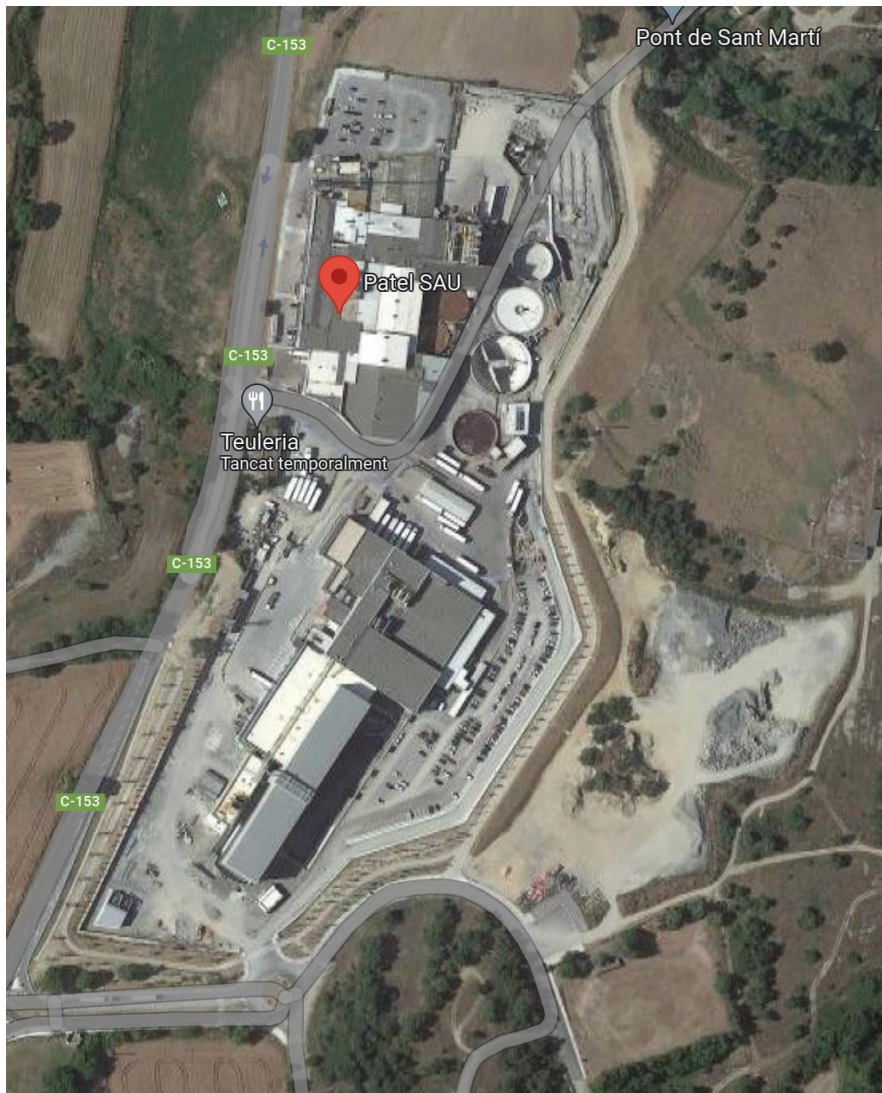


Figure 1- Previous Patel Facility



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CONSTRUCTION WORKS

In June 2022 the second phase project began to take shape and was estimated to take 12 weeks from start to finish. Due to a mix of traffic loads from both cars and HGV's at various locations within the facility, there was a requirement for both MacRebur MR6 and MR8 products and the following asphalt mixes were chosen for application:

- AC16 Bin 35/50 MR8S – 517 tonnes
- AC16 Surf 35/50 MR8D – 658 tonnes
- AC16 Bin 50/70 MR6S – 2,684 tonnes
- AC16 Surf 50/70 MR6D – 1,808 tonnes

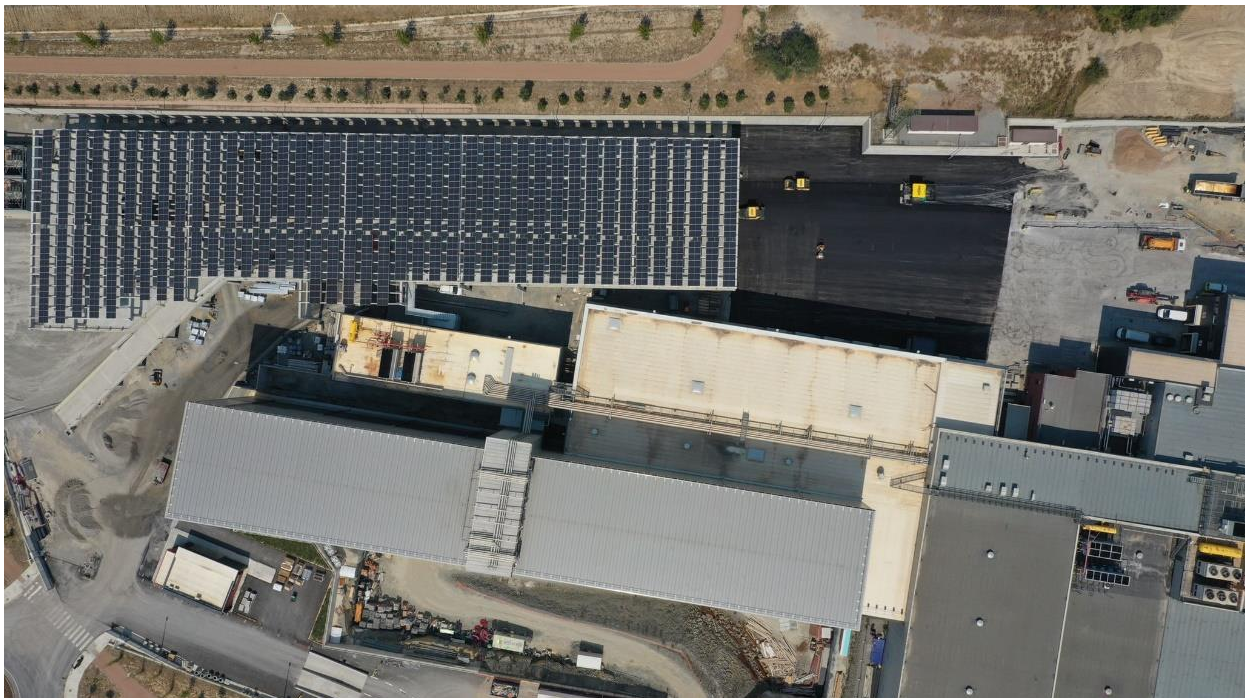


Figure 2- Construction of new HGV loading areas



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This project recycled 12,489 kg of plastic

That's a CO2e saving of 39,283 kg

ENVIRONMENTAL BENEFITS

In total 5,667 tonnes of hot mix asphalt was produced and laid by AMSA for this construction which contained 12,489kg of local waste plastics which otherwise would have been landfilled. With Patel taking the decision to opt for a more sustainable asphalt mix, there was a combined CO2e saving of 39,283kg compared to traditional asphalt mix alternatives.



Figure 3 - Finished Works

