

COMUNE DI



FOIANO DI VAL FORTORE

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- ▶ Foiano di Val Fortore is a small municipality in Sannio with about 1,400 inhabitants, located in the valley of the Fortore river at an altitude of 512 meters above sea level.
 - ▶ Framed by forests, the beauty of this natural landscape represents the Valley's main attraction.
 - ▶ The meadows are cultivated mainly with fodder, intended for feeding dairy cattle raised on local dairy farms, and by grains.
 - ▶ With the conviction that the direction taken by our small municipality is the right one, all the decisions made by the Municipal Administration have been then supported by actions, initiatives and projects inspired by environmental defence, energy sustainability, as well as beautifying the country to make it become a tourist destination especially for the new generations whose ancestors left our place during the many migrations that characterized Southern Italy.
 - ▶ On the whole territory of the Municipality of Foiano di Val Fortore there are 93 aerogenerators for the total power of almost 100 Mw of wind power, capable of producing more than 200 million Kwh per year, while the photovoltaic power installed by private individuals is about 165 Kw.



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- ▶ The municipality of Foiano di Val Fortore in 2019 and 2021 won Legambiente's Renewable Municipality Award, the only municipality in Campania Region to receive this recognition.
 - ▶ Among the excellences we find the new Municipal House which is totally efficient through a thermal insulation, interior Led lights, a 14 Kw photovoltaic system, a 7 sqm solar thermal system and a 56 Kw heat pump, all monitored by a home automation system and financed thanks to European funds from Campania Region POR Fesr 2007/2013 operational objective 3.1 and 3.3 (DD332/2013 for 709.422,02 Euros)
 - ▶ The photovoltaic system can meet 25percent of electricity consumption by generating about 18.000 Kwh/per year with savings of about 4.530 cubic meters of gas, 3,366 TPE and 5.950 kg/per year of CO2.



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- ▶ The primary and middle schools are equipped with a 30 Kw photovoltaic system, capable of producing 40.500 Kwh/year and financed thanks to Miur PON funds triennium 2010/2013, determining savings for 7.173 TPE and 13.389 kg/year of CO2. Furthermore, the elementary school, built in the 1960s, following some interventions that included the lightening of the roof and the construction of thrust walls anchored in the foundation has become a Class 1 school in terms of safety. Inside we can also find a fully computerized social center (funds PSR 2000/2006), a multimedia room, a science lab, and each classroom is equipped with an electronic whiteboard and a computer. As far as the secondary school is concerned every classroom is equipped with a multimedia board and a computer room with 15 stations where we conduct Invalsi tests.



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- ▶ Thanks to the Kyoto Fund (280.000 euros) the kindergarten was also upgraded with a thermal insulation and a 14 Kw photovoltaic system capable of generating 18.900 Kwh/year and a saving of 6.248 Kg/year of CO2 and 3.534 TPE. In addition, with school building funds from Campania Region, covered by a loan from the EIB (250.000 euros), the building dating back to the 1970s was seismically adapted by lightening the entire structure and the roof transforming it in Class 1 building and energetically Class A.



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- ▶ A 5.8 Kw Photovoltaic system, on the other hand, will power the locker rooms and light towers of the municipal sports field, thanks to the use of Sports Credit Funds, generating about 8.100 Kwh/year and savings for 1.514 TPE and 2.677 Kg/year of CO2.



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- ▶ An additional 35 Kw of photovoltaics are being installed on a multipurpose sports facility in San Giovanni in Mazzocca. The complex, financed thanks to POR Fesr measure 6.3 funds from Campania Region amounting to 2,500,000 euros, will have a plant capable of producing 47,250 Kwh/year and savings for 15,626 kg/year of CO2 and 8,835 TPE.



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- ▶ A 6 kW photovoltaic system will instead power the covered market, thanks to the use of funds from the Ministry of the Interior, generating approximately 8,100 kWh / year and a saving of 1,514 TPE and 2,677 kg / year of CO₂.



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- ▶ The municipal administration has taken action to entirely replace the village's lighting system (519 lights) switching from the old and obsolete very low quality and high consumption technology to one with high performance and low consumption LED technology, as well as environmentally friendly.
 - ▶ The new lighting system was entirely financed with resources derived from a Project Finance presented by private companies that were entrusted with the management of the infrastructure for 20 years.
 - ▶ The result achieved, in addition to an unquestionably improved general lighting situation, is lower consumption and maintenance expenses due to the use of the new LED technology.
 - ▶ As for the Kw saved these are about 60% less from 52,400 Kwh to 20,150 Kwh, saving 10,665 Kg/year of CO2 and 6,030 TPE.



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- ▶ In addition, all electric utilities in the municipality of Foiano di Val Fortore are supplied by a distributor that produces energy only from renewable sources.

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- ▶ Worth mentioning is also the installation of electric charging stations in Via Santa Maria near the municipal playground.
 - ▶ All this extensive work of efficiency improvement has been practiced to meet the commitments that the Municipal Administration made with the approval of the Covenant of Mayors signed with City Council Resolution No. 52 of 2011.





- ▶ **Redevelopment of large areas of the urban center. St. Mary's Street**

- ▶ This area was once occupied by prefabricated housing units built after the 1962 earthquake, structures now abandoned and with asbestos roofing. The Administration has initiated an ambitious redevelopment program for this area over two hectares in size since 2006. Today it has been transformed into one of the most beautiful and well-equipped areas in the entire Province of Benevento, with an open-air theater, artificial turf soccer field, tennis court, bowling alley, and fitness trail. Gardens have also been delivered thanks to a €380,000 funding from the Presidency of the Council of Ministers obtained in 2017





▶ **Interventions in environmental protection field**

- ▶ In recent years, many works have been carried out in the environmental field among the most important is the reclamation of the old municipal landfill, financed with 2007/2014 ESF European funds with the amount of 1,359,204 euros. This landfill was closed in 1998 after presenting several phenomena of hydrogeological instability and after a fire that had completely destroyed the layer that isolated it from the ground. Two characterization cycles were needed to schedule a capping intervention.



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- ▶ **Urban planning instruments for the protection of environmental beauty**
 - ▶ Within its Puc (Municipal Urban Plan), the Municipality of Foiano di Val Fortore has included the Forest Management Plan of the Frosolone Forest, a green area of more than 100 hectares that this year has benefited from funding of 800,000 euros from Psr Campania Measure 8.5.1 funds for the maintenance of 50 percent and the subsequent construction of equipped paths. It is a real green lung within the municipal territory. Moreover, in the newly adopted municipal urban plan, the area of building sites has been greatly reduced by re-perimetering the urban center.



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- ▶ The municipal pine forest has also been the subject of a 500,000-euro funding from the funds of Measure 8.5.1. in which life trails with equipment, trekking trails and rest areas have been created.



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- ▶ The Municipality of Foiano di Val Fortore has also approved a twenty-year forest cutting and tourism management plan, as well as having an environmental protection plan for its own stream called Zucariello





▶ **Recovery of the urbanism of the old historical center**

- ▶ Further urban redevelopment was carried out in Via Santa Maria, Mancini alley, where 10 brand new subsidized housing units were built equipped with thermodynamic solar power, photovoltaic panels for common lighting, and irrigation systems for green areas that use rainwater, thus reducing the consumption of drinking water.
- ▶ In addition, all exteriors were made by reusing the old stones with which the old buildings had been previously built.
- ▶ The total investment amounted to 2,200,000 co-financed 50% by the Ministry of Infrastructure, 36% by the Campania Region and 14% by the Municipality of Foiano di Val Fortore with a loan taken out at the Cassa DDPP.





Two buildings in the Municipality of Foiano di Val Fortore, in the Iardino locality of 11 apartments and in Via Montetto of 12 apartments, will be upgraded in efficiency thanks to two grants from Campania Region on PNRR Funds by providing for the entire building insulation envelope, external in the first and internal in the second, new windows and doors, modern plant engineering and photovoltaic panels. Total investment of 3,000,000 euros



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- ▶ What is more, the urban redevelopment has already been contracted on St. Peter Street where 14 brand new subsidized housing units will be built equipped with solar thermodynamic, photovoltaic panels for common lighting.
 - ▶ In addition, all exteriors will also be made by reusing the old stones with which the old buildings had been previously built.
 - ▶ The total investment amounted to 4,000,000 euros co-financed 78 percent by Campania Region and 22 percent by the Municipality of Foiano di Val Fortore with a loan taken out with the Cassa DDPP.



▶ **Focus on waste management**

▶ The municipality of Foiano di Val Fortore has won the award as a recycling municipality 6 times from Legambiente, in 2014, 2015, 2019, 2020, 2021, 2022.

▶ Over the past three years, the trend in recycling collection has been as follows:



▶ 2014 (year 2013)



▶ 2015 70,13% (year 2014)



▶ 2019 75,81% (year 2018)



▶ 2020 83,06% (year 2019)



▶ 2021 79,40% (year 2020)



▶ 2022 74,20% (year 2021)

▶ This was made possible by a system of delivering of differentiated waste directly to the ecological island with the issuance of a voucher that will be used as a discount on the tari, and will be different for each different type of material delivered. The ecological island was financed thanks to European funds from Measure 1.7 of the 2000/2006 ERDF Programming





▶ **Installation of a house for delivering water**

- ▶ To reduce plastic production in the country, the municipal administration also installed a water house on St. Mary's street to distribute about 70.000 litres each year, eliminating about 35.000 plastic bottles and so 7 quintals of plastic.

