



Orchard #	Species	Age	Location	Notes
1	Apple	10	Orchard A	Healthy
2	Peach	15	Orchard B	Minor damage
3	Cherry	8	Orchard C	Severe damage
4	Plum	12	Orchard D	Healthy
5	Apricot	7	Orchard E	Minor damage
6	Almond	9	Orchard F	Severe damage
7	Pistachio	11	Orchard G	Healthy
8	Walnut	14	Orchard H	Minor damage
9	Cashew	6	Orchard I	Severe damage
10	Coconut	13	Orchard J	Healthy

To reduce its environment footprint upstream in the orchards, at production level (energy, packaging, etc) and downstream with Green transport.

In 2022, R. JELÍNEK adopted an ambitious road map to reduce their environmental footprint.

- In 2003 R. Jelinek followed the orchardist tradition of his predecessors and began to make use of ideal conditions in the Vizovice area for growing plum trees. R.Jelinek is today the biggest plums producer in the Republic. Orchards are extremely important for the landscape because trees improve the quality of air; trees mitigate the effect of drought and loss of surface and groundwater; they slow down the soil erosion and finally, orchards co-create wildlife corridors and territorial elements of ecological stability of landscape.
- R.Jelinek has achieved a full circularity of input raw material: The disposal of stillages - residual product of the production of fruit distillates - is carried out in the biogas station. In fact, separated stones after drying are sold as fuel. The remaining material is sent to the biogas plant and the result of subsequent fermentation is biogas. Finally, the other remaining material is so-called digestate to be used as fertilizer.

OBJECTIVE: Expand the fruit orchards by 15% between 2022 and 2026 and increasing the share of orchards where organic farming is used (partnership with SISPO- Fruit Union of Integrated System for Fruit Growing Union).

Energy efficiency

- In 2021 R. Jelinek installed 333 solar panels with battery storage of the capacity of 62 kWh on the building of the bottling plant.
- The company reduced energy consumption by 35% thanks to proper thermal insulation of production buildings.

OBJECTIVES:

- Increase the current share of electricity produced from renewable sources from 16% today to 64% in 5 years.
- In that same period, the ambition is to quadruple the number of solar panels.
- R.Jelinek will replace the original boiler with a new gas boiler that will save 18 % of energy. This replacement will achieve a 56% reduction in NOx emissions.
- Increase energy use of stillages in biogas stations.

Packaging

- Already now 45% to 56% of glass in your R. Jelinek bottles is recycled glass.
- The carton and label suppliers are 100% from the Czech Republic and all have the Forest Stewardship Council (FSC) certification

Transport

The logistic and transport are operated by **ESA Logistika** using the **GREEN 3PL** solutions. ESA Logistika is a certified "Green company" and is a holder of an ISO 14001 certificate with a clearly defined environmental policy. This is a guarantee that all operations associated with providing the GREEN 3PL service are processed in the most environmentally conscious way. These solutions are designed to have a minimal impact on the price of the service. Environmental goals are achieved through consistent application of established rules, system, technology and process innovations, but also by our workers' conviction of the importance of nature protection.

Partners

R. JELÍNEK, major representative of slivovitz and fruit distillates. R. JELÍNEK is a member of UDVL.

Results

The area of orchards is extended every year. The full circularity of raw material has been achieved. Solar panels produce an estimated 110 MWh annually. 16% of electricity is produced from renewable sources. Energy consumption was reduced by 35% by revitalizing and thermal insulation of the egalisation production buildings.

Measurement & evaluation

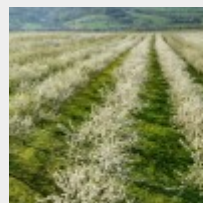
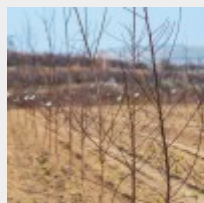
By planting trees helps mitigate the effects of current climate changes.

Website

<https://rudolfjelinek.com/>

Downloads

Photo gallery



Documents

Sustainability R. JELÍNEK 2022.pdf (pdf - 4.44 Mo)