

# PRESS KIT

## BEE-PASS®: an EDUCATIONAL HANDS-ON BEEHIVE :

- Restoring the role of bees
- Improving our environmental attitudes
- Demystifying the bee
- Living alongside bees

One observation window on the flight board and two on the hive body, all with the possibility to install a camera.



In 2009 **ABEILLE AVENIR** registered a patent on the BEE-PASS® concept. For 3 years\* **ABEILLE AVENIR** has productively helped restore bees to their role as an important insect pollinator and biological indicator of our environment. Installations of BEE-PASS® have been successful in wide settings such as private parks, public gardens, nature reserves, company parks and city gardens.

\*In 2010 and 2011, within the framework of the European Program Leader / Pays Voironnais

The unique design of BEE-PASS® allows for a trouble-free co-habitation between human and bee. The flight board is accessible through a 2.5m column so that bees may be observed without any disturbance. **BEE-PASS® a friendly habitat for BEE:** BEE-PASS® quality esthetic wood construction values and protects the bee. **Easy management:** BEE-PASS® operates just like a traditional beehive.



In 2012, BEE-PASS® we followed reached an average of 30 kg of honey despite a rainy spring. It shows, once more, that the bees are perfectly well-housed in BEE-PASS®, which offers them a protected area: they are less disturbed on the flight board and the output column offers them protection against both wind and extreme temperatures. In addition, allowing the bees to enter and leave almost 3m above the ground is more in line with their natural behavior. It has been shown in studies that wild colonies often construct their nests 3m off the ground. [The Biology of the Bee 1993 / Architecture of the nest by Mark L. Winston p89].

BEE-PASS design has been developed for nearly 4 years entails no inconvenience in the operation and the hygiene of the hive. Let us remember that the traditional hives whose entrance is 20-40 cm above the ground is for the convenience of humans than for the consideration to the bees. We advocate the installation of BEE-PASS® with good space between hives in order to avoid stress and the proliferation of diseases related to forage-bee-drift. Jürgen Tautz, writing in "The Buzz About Bees: Biology of a Superorganism": "For practical reasons, the colonies are maintained very close to each other, unlike wild population which involves the spread of diseases between the different colonies." Even if our objective is not to produce honey, but to restore the bee as major pollinator and witness of our environment, the quality and quantity of honey generated is proof of good health and well-being of bee colonies.



Le Pin / Mairie (38) 2012



Billieu / Centre Village (38) 2012



Voreppe (38) Jardin des Coccinelles 2012



Seyssins (38) 2012



La Murette / Jardin de Mélodie (38) 2012



Naturpark Dübener Heide / Schwemsal  
30km from Leipzig / Allemagne 2012



Neyron (01) / Porte du Grand Lyon 2012



La Buisse (38) / Site Ecologique  
BEE-PASS® installée en 2011



Voiron (38) / Quartz /  
BEE-PASS® installée en 2011

Our future is with bees,  
the essence of our environment.

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**ABEILLE AVENIR**

*éclaireuses de la nature*