

## Dear BioNova Partners & Customers,

It's finally summer! Those who are already owners of a Natural Swimming Pool are now the lucky winners. No crush of people at the public swimming pools, no smell of chlorine, no long trips - swimming & bathing in a private atmosphere is much more relaxing - especially in chemical free water! Maybe we can inspire everybody who is interested in building their own NSP with this Newsletter? Furthermore, we want to introduce our BioNova Partner from Mauritius. Within the framework of the current discussion about dangerous bacteria, we also want to dispel concerns about hygiene in Natural Swimming Pools. For the BioNova Historical this month, we are featuring a natural pool at a hotel in Austria, built in 1993.

Your BioNova Global Head Office Team

Rainer Grafinger, Christine Schoeck, Andrea Enseleit, Stephanie & Jusuf Rifatov

## Project of the month



This month we want to introduce a project in which the owner lended a hand in building. This wonderful BioNova Natural Pool, following the BioNova one-pot-building-method, was built under the direction of BioNova partner Werner Hocke (gardening & landscaping Werner Hocke) from Herold, Germany.

The owner accomplished all of the tasks in which no special knowledge was needed. Mr. Hocke and his team did the more technical work: crease-free placement and welding of the liner, delivery and installation of the technical components and the planting of water plants.

Although the owner had to work very hard to

accomplish his dream of building an NSP in his own yard, he is now very happy with his little holiday-paradise. He especially loves the lively flora and fauna in and around his NSP. Birds, dragonflies, bees, frogs and newts are a sight for sore eyes. And this diversity of species also keeps the gnats in check.

## The BioNova Family



The BioNova family isn't all contained on the European continent. More and more companies from abroad are appreciating the BioNova System.

The brand BioNova has existed since 1992. New partners profit from an established and constantly optimized system, which has proved itself in practice about a hundredfold - both in private gardens and public pools. As the individual partners support each other, the knowledge of the old-timers helps the newcomers' first projects to go smoothly.

In 2008 the company Ecosis, from Mauritius, decided to become part of the BioNova family. At this time they had their eyes set on a special

project: The company was the building promoter of an apartment complex designed totally under the concept of green thinking. For this project - the „Résidence Tanzi“ in Grand Baie with about 20 luxury apartments - they decided to build several biological pools. The BioNova pools were designed with a classic, very dignified aesthetic. So this project proved once again, that in our modern times, ecological systems are no longer in contrast with luxury and exclusive design.

The interesting concept has already been honoured with the Innovators Award by the National Productivity and Competitiveness Council (NPCC) in 2008. In 2010 it was honoured once again with the “1st Green Awards Mauritius (GAM) 2010” in the category “Green Building, Development & Land Use”.

For further information, please visit: [www.ecosisltd.com](http://www.ecosisltd.com)



## Dates 2011

Training events, fairs, meetings – we've got a lot going on with the BioNova Family! Review the following to see where the next activities of the BioNova Global Head Office and the BioNova Partners will take place:

## August 2011

### Informational Event

August 27, 2011, Binningen (Switzerland)

On Saturday, August 27, 2011 the company VIVA Gartenbau AG (Bündtenmattstr. 11, CH-4102 Binningen) will open its doors for an information event about Natural Swimming Pools. Find more information: [www.viva-gartenbau.ch/html/4veranstaltungen.html](http://www.viva-gartenbau.ch/html/4veranstaltungen.html)



## Current news from the BioNova Global Head Office

This is the year of change and development at BioNova:

Everything started in January with the first edition of the Bionova Newsletter. In May, the BioNova Global Head Office finally moved into a new building and at the end of June our new version of the BioNova website ([www.bionova.de](http://www.bionova.de)) was published online.

But the website doesn't just have a new layout. The references are presented in a new way and we decided to show 8 projects in detail for every building method. We plan to upload new projects at regular intervals so there's always something new to see. You'll also find a link to our Facebook page, where you can read all the current news.

By the end of the year, our new website is planned to be translated into English, Italian and French.

## Hygiene in Natural Swimming Pools



Nearly every day we hear about dangerous bacteria in our food and drinking water. So we want to bring this current topic up for discussion and reassure everyone that there is no reason to worry about harmful bacteria in your Natural Swimming Pool or biological pool.

For private NSPs there are no bacterial indicator limit values for germs in the water, but there are rules for public NSPs. For example, there is a European limit value for all bathing waters, since 2001, which apply to all waters (lakes, rivers). Here the limit value for E. Coli / Enterococci are 2,000 / 500 units per ml water, for example. The European Union has decided that this limit value applies for all European countries as national values, and may not be surpassed.

In addition, there is a norm for public NSPs, which has been in effect since 2003. The limit values are here:

E. Coli	100 units per ml water
Enterococci	50 units per ml water
Pseudomonas	10 units per ml water

We want to point to the fact that these limit values are observed even by public Natural Swimming Pools, which are used by about 7,000 bathers per day!

There are only a few tested Natural Swimming Pools, but the laboratory samples from these pools have never exceeded the strict German limit values.

So it is much safer to swim and bathe in a private NSP than in a natural lake or river, because the self-cleaning power of the ecosystem is many times higher than it would be in a natural water body.

In our next newsletter, we will explain this self-cleaning power in further detail.



## BioNova Historical



As early as 1993, the owners of the hotel „Alpenhof“, in Austria, decided to convert their traditional swimming pool into a Natural Swimming Pool.

The 3,230 ft<sup>2</sup> and 6 ft deep concrete basin was rebuilt into a biologically-cleaned Natural Swimming Pool. In line with the current standards of the time, the regeneration area was built to be approximately 4,844 ft<sup>2</sup>

The filter area consists of gravel of varying sizes. The plants and micro-organisms filter the water directly, without additional filtration methods. Even though the technical components are very simple, the water is very clear.