

## Dear BioNova Partners & Customers,

The holidays are over and the BioNova Group launches the year 2012 confidently and full of energy. Even now many creative projects all over the world are waiting to be realized! We look forward to the challenges of this year. And we hope you keep reading our monthly Newsletter with its interesting information.

Your BioNova Global Head Office Team

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

## Project of the month



Our Project of the Month in January 2012 lies in the heart of the lively Canadian metropolis of Montréal. The climate over there is characterized by icy winters (- 40 C°) with lots of snow and very hot summers.

But these extreme variations in temperature were not the only thing that the planner of this BioNova Minipool had to deal with: the building ground for this ecological pool was only a 50 square meter small city-garden, a huge challenge for BioNova Partner Jocelyn Lucier (of the firm of Topia, Montréal).

The BioNova Minipool is now the Highlight of the garden - a green Oasis in the excitement of a huge town. The multifacetedness and variability of the BioNova

Concept made it possible to realize this ambitious project. It has a total water area of 30 square meters. A 6 square meter small basin made of stainless steel is used as swimming area. The water is treated at the 24 square meter-sized regeneration area that is partially covered by a wooden terrace. The uncovered zone is planted with beautiful water plants that emphasize the special character of the whole garden.

By the way: This natural pool was the first BioNova project on the North American Continent. But it will surely not stay the only one. BioNova Partners from the USA and Canada have many requests from interested customers.

## The BioNova Family



BioNova Group. He has realized many beautiful NSPs and Natural pools since then in all of Switzerland. Hans Graf and his staff do all the work, from the first counseling interview, to planning and drawing the sketches, through building the objects. Each customer is supported intensely and is very closely involved through the planning process. That's the reason why every NSP is unique and custom-made according to the customers' wishes.



BioNova research council and runs some experimental areas at the company's property. For that reason the company is always at the state-of-the-art, which is very valuable for his practical work.

This month we want to introduce one of our Swiss partners to you: the company Hans Graf Gartenbau, located at Bolligen (Switzerland).

The company has about 15 employees. The middle-class gardening and landscaping firm offers all work from planning of new gardens or rebuilding of existing ones, to the regular maintenance of public or private projects. It is very important for the company manager Hans Graf that his Staff is always at the latest level of knowledge. He always has an open mind for innovative new products or optimizing of existing working processes.

For that reason he decided in 1998 to join the BioNova Group. He has realized many beautiful NSPs and Natural pools since then in all of Switzerland. Hans Graf and his staff do all the work, from the first counseling interview, to planning and drawing the sketches, through building the objects. Each customer is supported intensely and is very closely involved through the planning process. That's the reason why every NSP is unique and custom-made according to the customers' wishes.

Mr. Graf is a gardener with his heart and soul and is very interested in gardening culture and architecture. As a special service, Graf Gartenbau offers special trips to gardens in other countries, where interested people can learn more about several gardening cultures of the visited region. After visiting Wales, North Italy and the Netherlands in recent years, the journey will lead to Austria this year. (To find further information please visit: [www.gartenbau-graf.ch](http://www.gartenbau-graf.ch))

Because of his creative ideas, Mr. Graf is a very popular member of the BioNova Family. He's also very active at the



## Dates 2012

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:

## BioNova training events 2012

In the year 2012, the BioNova Global Head Office will again offer several different training events for all partners. Following are the dates.

### BioNova training for English speaking partners

February, 23 & 24, 2012, Best Western Hotel, Parsdorf near Munich (Germany)

We offer this training for our foreign partners in English. In the year 2011 many came from the USA to Munich, to take knowledge home across the wide pond. For this year partners from Italy and Serbia even signed up for the English speaking training. And also our new Indian partner will take part for the first time.

### BioNova training for beginners, German speaking partners

February, 27 & 28, 2012, Best Western Hotel, Parsdorf near Munich (Germany)

At this training event, beginners, for example new BioNova employees, are introduced to the knowledge of planning and building NSPs and biological Natural Pools. Also welcome are partners who want to refresh their knowledge.

### BioNova Training for Advanced Partners, German Speaking Partners

March, 1, 2012, Best Western Hotel, Parsdorf nearby Munich (Germany)

This is a special additional training for our advanced BioNova partners.

## BioNova building methods - Eco BioNova



*This picture shows a very naturally shaped BioNova Eco NSP.*



*The same building method with a totally different design: Here another BioNova Eco NSP with a geometrical shape.*

BioNova is a brand that has been consistently developed since 1985 and became a registered trade mark in 1992. The range of design variants now spans products from the Eco one-pot pond to the luxury pool with fully biological water purification. Depending on the planting requirements, personal wishes, and costs framework, BioNova can provide methods and technology components for the construction of swimming and bathing pools.

Basically, BioNova offers tried and tested filters and specially developed components and substrates for the planning and construction of swimming and bathing pools.

The BioNova System consists of different building methods that we want to introduce to you in detail in the following months.

We want to start with the BioNova systems Type 1 - Eco BioNova.

According to this building method, swimming and treatment zones are built into a single water basin - the „one-pot pond.“ Half of the pool is available for bathing and swimming. The other half is designed as a gravel filter with aquatic plants. Skimmers that can be varied with the water level are incorporated to skim the surface of the water. From there, a pump draws off the pond water and distributes it in the regeneration zone. This is a very reasonably priced model for small gardens.



## BioNova building methods - Eco BioNova



*Not only the shape of the NSP, but also the materials used can be selected individually to the customer's preference.*

The advantage of this kind of building method is the lower consumption of fresh water, because the variable skimmers can tolerate variations of the water level.

On the other hand, a stronger pump is needed to run the skimmer system. To save energy, BioNova works uses 2 independently working pumps. A lower, energy saving pump is used to ensure the circulation of water while the stronger pump supports the skimmer system.

Based on these features, the building method Eco BioNova is the most popular among the „one-pot building methods.“

Next month we will introduce the advantages and possibilities of another building method: BioNova Standard.

To view more pictures, please visit our photo gallery:  
[http://www.bionova.de/natural\\_swimming\\_pools\\_references.htm](http://www.bionova.de/natural_swimming_pools_references.htm)



*Here you can see the skimmer installed in the regeneration area. In one or two years when the plants have grown up, it will be a challenge to find the skimmer.*

## BioNova building methods - Eco BioNova



In June 2006, this beautiful BioNova Natural Pool was built for the hotel „Château de Germigney,“ located in France.

The basic idea came from the Swiss project developer Roger Berner who became generally known for his extraordinary wellness ideas. He brought Rainer Grafinger (trademark holder BioNova) into the project in order to put his ambitious plans into practice.

The buildings of the hotel are dated from the year 1700. The Swiss couple architects Roland and Vera Schön restored the buildings with much love for details.

At the 3 hectare-sized park (10,000 square meters or about 2.5 acres), they wanted to

build a biological swimming and bathing opportunity for the hotel guests. It was important to design the biological hotel pool in harmony with the historical buildings.

So the centerpiece of the new biological swimming and bathing facility is a 105 square meter pool, 1.35 meters deep. The pool is made out of concrete but the projected walls are covered with Jurassic limestone. The circumferential overflow gutters pull off the water surface. The water then flows to the regeneration area where it is cleaned through natural processes in a 100 % biological way.

To find more information about the hotel please visit: [www.chateaudegermigney.com](http://www.chateaudegermigney.com)

