

## NEWSLETTER

The newsletter of the Heinz Trox Foundation has been published annually since June 2018.

Topics include the Heinz Trox Foundation, current research in air conditioning and ventilation technology, and the foundation's various funding programmes.

### NEWS NO. 3 / 2020

The topics of this newsletter are:

- Poor air and acoustics reduce learning ability
- Greeting Prof. Dr. Hans Fleisch
- Committed to the good of the people
  - Learning in the "green classroom"
  - More mobility for wheelchair-bound senior citizens
  - A team bus for young handball players
  - A fire engine for the pointed caps
  - "App in the middle"
- Donations overview 2019

## HEINZ TROX-STIFTUNG

Info no. 3 / June 2020

### Bad air and acoustics reduce capacity for learning

Field study on air quality and acoustics in schools

The approximately 35,000 mainstream schools in Germany are all very different when it comes to facilities and the extent to which buildings have been renovated. In order to shine a light on the current status quo in schools in the state of North Rhine-Westphalia in Germany, Heinz Trox Wissenschafts gGmbH conducted metrological studies on air quality, thermal comfort, room acoustics and lighting in a total of 48 classrooms at 23 schools in Aachen and Neukirchen-Vluyn from April to July 2019. This involved investigating buildings that have been renovated as well as those that have not. It also included some classrooms that have already been fitted with automatic ventilation technology.

"If you are very strong, you must also be very kind!"



Dear Readers,

I heard the saying "If you are very strong, you must also be very kind" from the Pippi Longstocking series when I was a child. This phrase has stayed with me and given me pause ever since – right up to the day. This is because it speaks some questions that are not particularly easy to answer: what do "strong" and "kind" mean and why do those who are "strong" also need to be "kind"? In my opinion, the claim made in this sentence is extremely pertinent and applies to individuals as well as to corporations and foundations with great power comes great responsibility – not only a responsibility to contribute to good causes, but also to produce good-quality products or services. This is much easier from a position of power. And those who are strong should also be grateful for their strength and demonstrate this through their actions. – Dr. "Being kind"



It is exciting and an expectation to see that both the Heinz Trox Foundation and the affiliated TROX GROUP are made strong by the fact that they are actually very positive things happening in many areas of our lives – thanks in no small part to the scientific world. And in many cases, the underlying research was only made possible through endowments from foundations such as the Heinz Trox Foundation. Scientific research also plays a vital role when it comes to global prosperity. That's why the advancement of scientific developments was always one of our benefactor's primary concerns – something which is clearly expressed in the Heinz Trox Foundation's statutes. By supporting the scientific community, the Foundation is helping to bring about

### NEWS NO. 2 / 2019

The topics of this newsletter are:

- Developing the future sustainably with research
- Greeting Prof. Dr. Hans Fleisch
- Three FH degree theses awarded the Heinz Trox Prize
- Heinz Trox Foundation supports construction of a laboratory hall at RWTH Aachen University
- Donation overview 2018
- The library of things

## HEINZ TROX-FOUNDATION

Info no. 2 / June 2019

### Creating a sustainable future through research

In keeping with the key concerns of its benefactor, Heinz Trox, the Heinz Trox Foundation puts one matter at the heart of everything it does – human well-being.

The assets of the Heinz Trox Foundation consist primarily of its stake in TROX GmbH. When the company was founded in the post-war period, no one was talking about environmental protection or sustainability. At that time, the focus was very much on achieving economic growth as quickly as possible instead.

In the 1980s and 1990s, however, various scientific studies (e.g. the Club of Rome) led people to look at the world in a completely new, eco-friendly way. People around the world realised that, if business and industry were to simply carry on as before, it would do lasting damage to the environment.

Working for the common good



Dear Readers,

Sometimes it can seem like we are being bombarded with bad news from all sides. This can disguise the fact that there are actually very positive things happening in many areas of our lives – thanks in no small part to the scientific world. And in many cases, the underlying research was only made possible through endowments from foundations such as the Heinz Trox Foundation. Scientific research also plays a vital role when it comes to global prosperity. That's why the advancement of scientific developments was always one of our benefactor's primary concerns – something which is clearly expressed in the Heinz Trox Foundation's statutes. By supporting the scientific community, the Foundation is helping to bring about



## NEWS NO. 1 / 2018

The topics of this newsletter are:

- The purpose of the Heinz Trox Foundation
- Greeting Brigitta Trox
- Committed to the good of the people
  - 5 examples of promotions from 2017
- The Heinz Trox Wissenschafts gGmbH

# HEINZ TROX-STIFTUNG

Info no.1 / June 2018

## Object of the Foundation

Set up by Heinz Trox in 1991, the goal of the foundation is to promote research in the area of "human well-being indoors" and to support social and cultural activities.

The Heinz Trox Foundation is recognised as non-profit and is subject to supervision by the foundation supervisory authority in North Rhine-Westphalia. It is a member of the Association of German Foundations and implements the principles of good practice recommended by the federal association. It directly and exclusively pursues scientific, charitable and non-profit purposes. The object of the foundation is to promote

science and research, youth and elderly welfare, welfare services, schooling, national education and vocational training, art, culture and sport. It also aims to support people in need in the Rhine-Ruhr area.

asset. The resulting distribution of profits forms the basis for the foundation's promotional activities.

In 2017, the Heinz Trox Foundation's total promotional volume amounted to approximately EUR 760,000. Science and research activities, which are the primary focus of the funding, received approx. EUR 560,000, while social and cultural projects received approx. EUR 200,000.

Human beings and their well-being are at the heart of everything we do. This applies to our work in the scientific world as well as in the social and cultural sectors.

We support projects with a long-term horizon that aim to help people to help themselves, motivate them, give them more responsibility, generate knowledge, and give them

## Helping others to feel their best



Dear Readers,

Today, you are reading the very first information letter from the Heinz Trox Foundation. The aim of this letter is to provide insight into the goals of the foundation, which was created by my husband back in 1991, and to shed light on the activities of Heinz Trox Wissenschafts gGmbH, which was established in 2016.

Three years after my husband's death, the Foundation has now learnt how to stand on its own two feet. As the main shareholder in TROX GmbH, it now has access to sufficient funds to support and guide a greater number of large-scale scientific and social projects.