

## NASSTEC The Training

11 ESR + 1 ER in a cross-cutting European PhD programme awarded by UNIPV

2 summer schools:

- Seed collecting in Gijon, Spain
- Seed germination & processing in Pavia, Italy

3 specialist workshops:

- Molecular Diversity in Dundee, Scotland
- IPR, patenting and funding at Enkhuizen, in the Netherlands
- Education and outreach in Trento, Italy

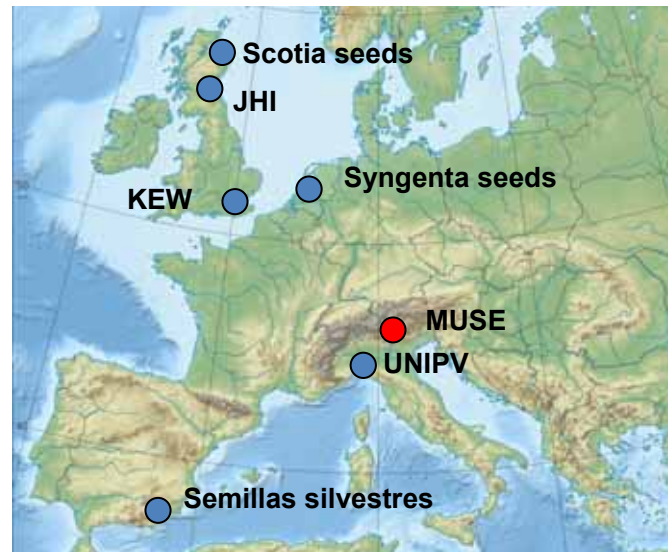
1 final conference on Native seeds for environmental mitigation in Kew in 2017

Additional activities include 3 one month secondments to other network partners, 3 network annual meetings, various exchange visits and an education and outreach programme.



**NASSTEC win-win strategy: providing ecosystem services, fighting soil erosion, generating income and conserving biodiversity with native seeds.**

## NASSTEC The Partnership



NASSTEC includes

- 4 academic partners:



MUSE - Trento Science Museum, IT  
[www.muse.it](http://www.muse.it)



The Royal Botanic Gardens, Kew, UK  
[www.kew.org](http://www.kew.org)



The University of Pavia, IT  
[www.unipv.it](http://www.unipv.it)



The James Hutton Institute, Dundee, UK  
[www.hutton.ac.uk](http://www.hutton.ac.uk)

- 3 native seed companies:



Scotia Seeds, Brechin, Angus, UK  
[www.scotiaseeds.co.uk](http://www.scotiaseeds.co.uk)



Semillas Silvestres, Cordoba, ES  
[www.semillassilvestres.com](http://www.semillassilvestres.com)



Syngenta Seeds, Enkhuizen, NL  
[www.syngenta.com](http://www.syngenta.com)

# NASSTEC

The **N**ative **S**eed **S**cience.  
**T**Echnology and **C**onservation  
Initial Training Network



A Marie Curie Initial Training Network **promoting the use of native seeds for grassland restoration**, building the capacity in local companies for large scale native seed production.

**Interested in a career in native seed science?**



1 project manager + 11 ESR positions now open. Check them out at [www.nasstec.eu](http://www.nasstec.eu)  
**Closing 7/4 and 16/5 respectively**



## NASSTEC The Project in a Nutshell

Project type: EU FP7 - Marie Curie ITN

Contract: PITN-GA-2013-607785

Duration: 4 years: April 2014 - March 2018

Funding: 3,4 million Euros

Aim: Promoting native seed production and use in grassland restoration, building industrial capacity in local companies.



## NASSTEC The Science

Sub-programme **A - In situ seed sampling**, including 3 ESRs:

at MUSE - ESR 1A A bio-geographical approach to species selection for the Alpine and Atlantic region.

at Semillas Silvestres - ESR 2A Selection of high-quality grasses for the Mediterranean and Continental bio-region.

at JHI - ESR 3A Methods for seed and seedling phenomics.



Sub-programme **B - Seed biology characterisation**, including 4 ESRs:

at UNIPV - ESR 4B Bio-geographical aspects of seed dormancy.

at Semillas Silvestres - ESR 5B Propagation protocols for the restoration of grassland habitat in Europe.

at UNIPV - ESR 6B Seed longevity in storage.

at KEW - ESR 7B Life history traits in contrasting environments - intra-species variation in stress tolerance.



Sub-programme **C - Production and deployment of seed**, including 4 ESRs & 1 ER:

at Scotia Seeds - ESR 8C Improving seed quality in large-scale production.

at KEW - ESR 9C Propagation and seed multiplication protocols for herbaceous flora.

at Syngenta - ESR 10C Seed pre-treatments of native species for optimal establishment, for use in in-situ restoration.

at MUSE - ESR 11 C Certification of seed quality and provenance.

at Scotia Seeds - ER 12 C Transfer of NASSTEC knowledge to European seed producers.

## NASSTEC Application requirements

Full details at [www.nasstec.eu](http://www.nasstec.eu)

**ESR** positions are mobility grants aimed at early stage researchers; eligible candidates must:

- be in the first 4 years of the academic career;
- not have resided in the hosting country for more than 12 months in the previous 3 years.

**Closing date: 16/5/2014**

The Project Manager position is open to all candidates with a relevant background in seed science and project management.

**Closing date: 7/4/2014**