Extended Diagnostic Expert System (XDES) Sub-Group Report

2022 CORESTA Congress Online

October 2022

❖ **Objectives**

❖ **Background**

❖ **Achievements**

❖ **Ongoing work**

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1. **Collect international data on plant diseases, photos, descriptions, diagnostics, available treatments**

2. **Translate and format this information for uploads on the e-phytia tobacco website and related portable applications**

Purpose

➢ **to add new information to already accessible data**

➢ **to get other countries or institutions to participate**

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Background

2011: CORESTA DEXT Task Force - was created (project with the French National Institute of Agronomic Research to translate e-Phytia® tabac website into English)

2013: The e-Phytia® tobacco website went on-line and a mobile application Di@gnoplant Tobacco® was launched. XDES Task Force was created.
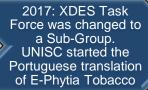
2015: Information from U.S. tobacco disease situation provided by NCSU

2016: Data from the Polish Institute of Soil Science and Plant Cultivation added

2017: XDES Task Force was changed to a Sub-Group. UNISC started the Portuguese translation of E-Phytia Tobacco

2018: Data from Tobacco Research Institute, Chinese Agricultural Academy Science added

2019: Data from Tobacco Research Board, Zimbabwe, added

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❖ **2013 Translation from French to English of e-Phytia Tabac website, and creation of Di@gnoplant tobacco application**

❖ **2019 Translation from English to Portuguese of e-Phytia Tobacco website**

❖ **2022 Integration of the Portuguese version on the e-Phytia Tabac website**

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❖ **Portuguese version of the website – review in progress on the website with** Marilia Della Vecchia, Altria, U.S.A.

❖ **Portuguese version of Di@gnoplant application on smartphones is being developed with INRAe**

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❖ **4200 active applications in 2022**

❖ **Asia-Pacific, Europe, United States, Africa, Middle East and India, Latin America and the Caribbean**

❖ **Do not forget to update your application!**

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For the Portuguese version: muito obrigada !

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