

## ACT LAUNCH Project No 299662



The LAUNCH project is funded through the ACT programme (Accelerating CCS Technologies, Horizon2020 Project No 294766). Financial contributions are made from: Netherlands Enterprise Agency (RVO), Netherlands; Bundesministerium für Wirtschaft und Energie (BMWi), Germany; Gassnova SF (GN), Norway; Department for Business, Energy & Industrial Strategy (BEIS) together with extra funding from NERC and EPSRC research councils, United Kingdom; US-Department of Energy (US-DOE), USA.  
All funders are gratefully acknowledged.



Lowering **A**bsorption process **U**Ncertainty, risks  
and **C**osts by predicting and controlling amine degradation

### Deliverable Nr. 3.2.2

**Manuscript to be submitted to an open-access journal on the thermal degradation of second and third-generation solvents**

Dissemination level	Public	
Written By	Karen K. Høisæter, Solrun J. Vevelstad, Lucas Braakhuis, and Hanna K. Knuutila.	12.05.2022
Checked by WP3 Leader	Hanna Knuutila (NTNU)	12.05.2022
Approved by the coordinator	Peter van Os	30.06.2022
Issue Date		30.5.2022

## 1 Introduction

This deliverable describes the work done on degradation of second and third generation solvents in LAUNCH.

The work has been published, and the publication including supplementary information is available here: <https://pubs.acs.org/doi/10.1021/acs.iecr.2c01934>

Karen K. Høisæter, Solrun J. Vevelstad, Lucas Braakhuis, and Hanna K. Knuutila

### **Impact of Solvent on the Thermal Stability of Amines**

*Industrial & Engineering Chemistry Research* **2022** 61 (43), 16179-16192

**DOI: 10.1021/acs.iecr.2c01934**

---