

**Project
STEM Refugees/Migrants - Women/Girls
(MINT FM-FM)**



**German Association of Women Engineers
(deutscher ingenieurinnenbund, dib e. V.) and**

**Women in Natural Science and Technology
(Frauen in Naturwissenschaft und Technik, NUT e. V.)**

11.03.2017

Summary

Project goals

Campaigning for better chances for female migrants and refugees concerning education, vocational training and integration into working life in MINT fields as well as to inform them especially are the main objectives of the project STEM Refugees-Migrants/Women-Girls (MINT FM-FM). We want to support these target groups with education and career entry in the MINT fields and demand that in future supporting these women and girls should be reinforced in areas, in which other children and adults have already been supported and they must not be left behind. The MINT fields offer good opportunities for this purpose

Project focal points

The focal points of the project are education and career entry for female migrants and refugees.

Project focal points ----> -----	education, vocational training	career re-entry and approval of degrees
Our activities		
information + counselling	x	x
assistance + support	x	x

Measures regarding the focal points

- Gathering information and making it available to everyone (Web, Facebook)
- Extending the awareness level of our project and making further contacts
- Consulting female refugees and cooperating with respective institutions
- Launching projects in order to provide immediate assistance to female refugees and to cooperate with our partners regionally and nationwide on female political level in general as well as in our public relations

Project initiators

the project-related working group was initiated at the general meeting of the German Association of Women Engineers (dib. e. V.) in Oldenburg in November 2015. The NUT e. V., Women in Natural Science and Technology, decided to join the project at its general meeting in Altenkirchen in May 2016.

Project coordinators

This project is coordinated by: Dr.-Ing. Kira Stein, kira.stein@t-online.de and M.Sc. Dipl.-Ing. Afsar Soheila Sattari, a.sattari@goal-epmts.de

Main activities of the project MINT FM-FM so far

- **Receiving the certificate of honour and the Cologne voluntary service award as part of the welcoming initiative**

Under the patronage Mrs. Henriette Reker, The Mayor the city of Cologne, was the Cologne voluntary service award „KölnEngagiert 2016“ awarded to the Welcome Initiative of Cologne on 4th of September 2016. The project STEM Refugees/Migrants Women/Girls (MINT FM-FM) of the German Association of Women Engineers (dib e. V.) is part of this Welcome Initiative.

- **Financing the project through the Cologne city authorities**

The Regional Integration Center of the Cologne City finances up to a certain sum the project MINT FM-FM in 2017.

- **Organising courses for female refugees and migrants in Cologne**

Our team consisting of female migrants and refugees have organised courses and road shows for other female refugees and migrants, such as German courses, computer course and many road shows to strengthen their motivation and increase their knowledge.

- **Training at the Women Welcome Week of the University of Koblenz**

Study orientation week for young female refugees and migrants, pros and cons of academic studies, anxieties, wishes, hopes and prejudices, University Koblenz-Landau, Campus Koblenz

- **Road shows for female refugees and migrants**, e.g. at the event of the on the 15th of June, 2016 at the Applied University of Sciences Cologne and through courses and activities of MINT FM-FM-Cologne group

- **Counselling female refugees and migrants** regarding education, integration into working life and authentication of university degrees in Cologne, Darmstadt and Berlin

- **Mentoring for Mentees** at Be.Ing!, talking about applications or typical behaviour in German everyday working life, etc. in Hamburg, or at the University of Applied Sciences Cologne

- **Working with Deutscher Frauenrat (The German Association of Women Organisations)**
Suggesting the formation of a committee concerning „vocational training and integration into employment for female refugees and migrants“
- **Co-operation with institutions (Chambers of Commerce, Universities)**
e.g.. Universities, such as University of Applied Sciences Cologne, Technical University Darmstadt, University of Darmstadt, University of Hamburg as well as Chambers of Commerce Darmstadt
- **Activities for/with the target group**
organising the participation of female refugees and migrants in the Girls' Day in Cologne and Darmstadt as well as their participation in the Day of Technology (IHK) in Darmstadt
- **Organising and searching for traineeships for refugees and migrants in**
Cologne, Frankfurt, Hamburg and Darmstadt
- **Finding jobs**, skill appropriate employment in Cologne and at the HAW in Hamburg, securing the habitation for the time being
- **IT-Workshops** for female migrants and refugees „Re:Fugee:CA – Space for Migration Hacking“ at the bloggers' convention „re:publica“ in Berlin
- **Initiating the monthly „GirlsLabDay“** in the Fab Lab Berlin in order to enable girls with and without a migration background to experiment with maker technology
- **Forming the group „Maker Girls“ to build Apps for/with refugees**
on the www.meetup.com platform for first-time-users in order to gather experiences with maker technologies in Berlin
- **Leadership of the 63-person meetup-group** in Berlin, who have supervised the GirlsLabDay as mentors since September 2016
- **Imparting Knowledge about CAD to members of the refugee association**, „Intercultural Training Hamburg (IBH e. V.)“, within the scope of the IQ-network Hamburg - NOBI and its bridging action Be.Ing!, with a CAD-trial lesson or a lecture on CAD-development, the state of technology and examples of implementation as part of the offerings on continuing education in Hamburg
- **MINT Parcour for pupils and female refugees and migrants**

Organising a MINT Parcour event in a district town hall in Cologne to motivate the pupils, female migrants and refugees to take part in Girls' Day activity.

- **Girls' Day and MINT activities for female refugees and migrants**
organising their attendance in technical firms and universities despite their age

on Girls' Days in some cities as Cologne, Darmstadt and Berlin

• **Presenting the project at events**

- α) *At events of migrant organisations* in Cologne, Stuttgart, Offenbach, Darmstadt and Berlin, e.g.: agisra e.V.“ Cologne , „DaMigra e.V.“ Cologne , "PETEK – Business-Netzwerk Migrantinnen" Essen, „Rahaward“ Aachen, „Bahar“ Cologne , „Fliehkraft e.V.“ Cologne , „Women´s Center“ Darmstadt, „Caritas“ Cologne, “Women against Unemployement e.V.” Cologne, etc.
- β) *At the meetings of advisers of refugee projects and integration workers and practitioners*, e.g.: Working group Politics of Wellcome Initiatives“ Cologne, „openTransfer #Arrival. Young Refugees in North Rhine-Westphalia “ Düsseldorf, „We are all Cologne Civil Society – Coming together – Understanding – Shaping!“ Cologne
- γ) *At German women's associations and their events*, e.g. the Gathering of women actors on the occasion of the International Women's Day in Cologne invited by the mayor of Cologne, „UN Women“ in Bonn; *dvta*, Expert/innengespräch "Benefiting of female migrants in STEM-Professions" in Stuttgart; „Arrival – Recording – Participation“ in Darmstadt, or „Women&Work“ 2016 in Bonn, Working Group of Women's Organisations in Cologne (AKF), „With or Without“ Project in Stuttgart, etc.
- δ) *By German politicians* such as The Green Party Cologne, the District Mayor of Cologne Lindenthal, The Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (BMFSFJ), The Ministry of Health, Equalities, Care and Ageing (MGEPA) in Duesseldorf, etc.
- ε) *At the international umbrella organisation* of female university graduates „Graduate Women International“ and in Workshop of the International Network of Women in Engineering and Science (INWES) in Freising
- φ) *At the meetings with German institutions* such as The Federal Employment Agency in Nuernberg, University of Applied Sciences Cologne , Technical University of Darmstadt, University of Applied Sciences Darmstadt, University of Applied Sciences Bielefeld, Job Bourse Cologne , Employment Agency Cologne , Job Bourse Aachen, Foundation of Chamber of Commerce Cologne, Chamber of Commerce Darmstadt, Chamber of Commerce Bonn Rhine Sieg, etc.
- γ) *In interviews* with the Academy of the Deutsche Welle in Bonn and with the „Technical Journalism“ branch of study of the University Bonn-Rhein-Sieg in Cologne
- η) *On the following websites*
- „openTransfer“
<http://www.opentransfer.de/9151/mint-fmfm-bildung-und-berufseinstieg-fur-fluchtlinge-und-migrantinnen/>
 - Girls' Day Round Darmstadt
- <https://www.girls-day.de/aktool/ez/akvcard.aspx?id=40&skin=ak>
- Girls' Day Round Cologne

<http://www.girlsday-koeln.de/ak.html>,

- „Lizzynet“
<http://www.lizzynet.de/47490640.php> and
 - „Weltoffene Hochschule Refugees Welcome“ der TH Cologne
https://www.th-koeln.de/hochschule/chronologie_30736.php and
 - Deutscher Akademikerinnenbund e.V.“
<http://www.dab-ev.org/de/termine.php>
 - „Kölner Frauenportal“
<http://www.frauenportal.koeln/cms/piCal/index.php?caldate=2016-6-30>
 - Frauenbüro Darmstadt.
 - Netzwerk W Duesseldorf
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- **Publication of issue 3-2016 of „Die Ingenieurin“**, magazine of the German Association of Women Engineers (dib e. V.) in October 2016
 - **Articles of others on project in newspapers** such as in Kölner Stadt Anzeiger on Girls´ Day on 28.02.2017 or in the local newspaper „Porz am Montag“ on 12.03.2016 or in a press release of the city of Darmstadt in 2016 or in MINT-Magazin 30-DIB published by the “Competence Center Technology-Diversity-Equal Chances”.
 - **Providing online information and charts** i. a. regarding education and career entry to both these women groups
Web: www.dibev.de/mint_fm-fm.htm
www.dibev.de/mint_refugees-migrants.html
Facebook: www.facebook.com/dibMINTFMigrantinnen

Future plans

Continuation and intensification of our work so far, e.g. by extending our network and personal contacts with refugees, by increasing the further activation of the working grouping, by expanding our activities to more cities and showing a stronger presence on internet, e.g. on Facebook

Organising further joint events, especially government-financed projects with present and future partners like migrant organisations, member associations of The German Association of Women Engineers and German institutions working with refugees and migrants

Continuation and Strengthening our work in Cologne by our courses and road shows for female refugees and migrants.