TORINO PROCESS IN KAZAKHSTAN
2010-2018
MOVING SKILLS FORWARD TOGETHER
DECLARATION of Intent of cooperation on education and training between the Ministry of Education and Science of the Republic of Kazakhstan and the European Training Foundation
27/09/2010

PROTOCOL on the cooperation between the Ministry of Education and Science of the Republic of Kazakhstan and the European Training Foundation
23/11/2011
The purpose of the Torino process in Kazakhstan is to develop measures to further improve the quality of Kazakhstan educational services based on the study of the TVET policy on the basis of actual data on the reform of the TVET system.

At the national level:
- comparison with the best world practices;
- strengthening of interdepartmental relations;
- strengthening the relationship between VET and business;
- decrease in the share of youth NEET;
- development of new normative legal acts and introduction of changes and additions to the current regulatory acts.

At the regional level:
- development of VET policy in accordance with the needs of the region;
- establishment of a dialogue with stakeholders;
- strengthening the decision-making mechanism.

2010, 2012 assistance and support from the ETF

2014, 2016 self-assessment

2017 in pilot mode
4 regions

2018
12 regions of the country

Analysis of the VET system policy
STAKEHOLDERS - PARTICIPANTS

2010-2012
- MES RK ETF

2012-2014
- MES RK, MLSPP RK, NCE RK «Atameken», Statistics Committee of the MNE RK

2016
- MES RK, MLSPP RK, NCE RK «Atameken», Statistics Committee of the MNE RK, Holding «Kasipkor», IAC of the MES RK (defined as the operator of the Torino Process)

2017-2018
- MES RK, MLSPP RK, NCE RK «Atameken», Statistics Committee of the MNE RK, IAC of the MES RK, Departments of education of the regions and other representatives of the regions, Holding «Kasipkor» (defined as the operator of the Torino Process)
EVIDENCE BASE TOOLS

ANALYTICAL FRAMEWORK of the Torino process includes 5 blocks:

«А» - Overview of VET and vision for VET
«Б» - Effectiveness and efficiency in addressing economic and labour market demand
«С» - Effectiveness and efficiency in addressing demographic, social and inclusion demand
«D» - Internal efficiency of the VET system
«E» - Governance and policy practices in the VET system

1. Quantitative data through:
✓ Statistics Committee of the Ministry of National Economy
✓ National educational database

2. Qualitative data through various activities:
✓ focus groups,
✓ meetings (round tables),
✓ seminars.

2012-2017
21 indicators

2018
62 indicators
Implementation of the main recommendations for the 2012-2017 survey

**2012:** total 13 recommendations, of which **53.8%** implemented

**2014:** total 10 recommendations, of which **100%** implemented

**2016:** total 18 recommendations, of which **44.4%** implemented

**2017 (I quarter):** total 10 recommendations, of which **40%** implemented

New regulatory and legal acts have been developed and amendments and additions made to the current statutory and regulatory enactments:

- State Program for the Development of Education and Science of the Republic of Kazakhstan for 2016-2019:
  - ✓ Raising the status of teachers and masters of VET
  - ✓ Implement key competencies
  - ✓ Introduction in the educational process of the European approaches

- Program for the Development of Productive Employment and Mass Entrepreneurship for 2017-2021
  - ✓ The project "Free vocational education for all";
    - ✓ Working with young people NEET
    - ✓ Work with persons with special educational needs
    - ✓ Skills for vulnerable people
    - ✓ Entrepreneurship Skills

- Project "Modernization of economy 3.0"
  - ✓ Forecasting demand for labor over the long term

- Rules for the organization of dual training
  - ✓ Involvement of business sectors in the VET system
  - ✓ Determining the status of "Mentoring"
  - ✓ On-the-job training
  - ✓ Entrepreneurship Skills

- Roadmap for the implementation of applied bachelor's degree in the organizations of technical and vocational education
  - ✓ Introduction in the educational process of the European approaches
Implementing the Torino process 2011:

- Enhancing the prestige of VET
- The rules of dual training, where the role of the mentor is defined;
- Road map on the introduction of the experience of career-oriented work of the East Kazakhstan and Karaganda region in the regions of the republic and the cities, Almaty and Astana;
- Plan for the organization and holding of the Worldskills Championship;
- Plan for the creation of competence centers;
- Road map for VET provision for people with special educational needs;
- Educational programs based on international experience.

Number of students enrolled with TVET, %

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
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<tbody>
<tr>
<td>2013</td>
<td>561940</td>
</tr>
<tr>
<td>2014</td>
<td>531453</td>
</tr>
<tr>
<td>2015</td>
<td>499477</td>
</tr>
<tr>
<td>2016</td>
<td>489166</td>
</tr>
<tr>
<td>2017</td>
<td>489198</td>
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</tbody>
</table>

Proportion of employed students of TVET, %

<table>
<thead>
<tr>
<th>Year</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>88.2</td>
</tr>
<tr>
<td>2014</td>
<td>89.3</td>
</tr>
<tr>
<td>2015</td>
<td>89.6</td>
</tr>
<tr>
<td>2016</td>
<td>90</td>
</tr>
<tr>
<td>2017</td>
<td>92</td>
</tr>
</tbody>
</table>
Recommendation of the Torino process 2016:

Development of methods for work with youth NEET

Rate of NEET, %

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate</th>
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</thead>
<tbody>
<tr>
<td>2013</td>
<td>8</td>
</tr>
<tr>
<td>2014</td>
<td>8.8</td>
</tr>
<tr>
<td>2015</td>
<td>9.5</td>
</tr>
<tr>
<td>2016</td>
<td>9.2</td>
</tr>
<tr>
<td>2017</td>
<td>8.7</td>
</tr>
</tbody>
</table>

The project "Free vocational education for all"

Free training for working professions

Program of productive employment and mass entrepreneurship for 2017-2021:
- Creating mobile groups
- Short-term training based on dual training
- Entrepreneurship Skills
- Digitalization Skills
Dynamics of development of the Torino process for 2012-2017

1. Percentage of persons with TVET among economically active population, %
   - 2013: 27.0
   - 2014: 32.0
   - 2015: 32.2
   - 2016: 34.6
   - 2017: 36.5

2. Level of youth unemployment from TVET, %
   - 2013: 5.4
   - 2014: 3.9
   - 2015: 4.2
   - 2016: 4.7
   - 2017: 4.2

3. Rate of NEET, %
   - 2013: 8
   - 2014: 8.8
   - 2015: 9.5
   - 2016: 9.2
   - 2017: 8.7

Indicators | 2012 | 2017 | 2018
---|---|---|---
Employment rate of students of TVET, % | | 66.7 | ?
Number of people covered with FTVET, % | ? | 75000 | ?
The index of employers’ satisfaction with the training of specialists, % | ? | 49.3 | ?
Number of persons covered by adult programs | ? | 21000 | ?
Rate of educational programs of universities on the basis of professional standards, % | 25 | 65 | ?
Number of teachers who have been retrained | ? | 5600 | ?
The rate of colleges with dual training, % | ? | ? | ?