EVALUATION REPORT OF 2017 INFO GRAPHIC COMPETITION

BACKGROUND

Every year on 18th November, the African statistical community celebrates the African Statistics Day (ASD) with the objective of raising public awareness about the importance of statistics in the economic and social development of the continent. The decision of celebrating ASD every year was taken in1990 by the twenty-fifth session of the United Nations Economic Forum for Africa and the Sixteenth Meeting of African ministers responsible for Economic Planning and development.

In this context, the National Institute of Statistics of Rwanda (NISR) organizes a competition and invites undergraduate/graduate and postgraduate students of higher learning institutions in Rwanda (both public and private) to produce winning static infographics by participating in the NISR Infographic Competition. The awarding ceremony is the key event that marks the ASD.

2017 INFOGRAPHIC Competition Message: LABOR MARKET IN RWANDA.

PROVIDED SOURCE

The source of data was Rwanda labor force Survey (August 2016 and Feb 2017. The reports were accessible at http://statistics.gov.rw/publication/labour-force-survey-report.

OVERVIEW OF THE INFOGRAPHIC COMPETITION 2017

1. Initially, the invitation to participate in 2017 Infographic Competition was addressed to teams of 2 students from the same university/college. After the first evaluation, inter-university teams were constituted during the coaching period and formed teams of 4 students.
2. A student who was part of the top five teams in the previous infographic competitions was not allowed to participate.
3. The teams had to be approved by the institution.
4. Gender balanced teams were encouraged.
5. Only one entry per team was allowed.
6. The entries had to be in the format of either PDF or images for static submission and a dynamic in video format. The resolution had to be at least 640 pixels wide and at most 3000 pixels tall.
7. A short description (200-300 words) of the infographic with the entry was required.
8. All entries had to be in English.
9. Competitors had to ensure that all images in infographic were available under a Creative Commons license, or permission was obtained.

10. By entering the competition, the entrants agreed to grant permission to NISR to use and reproduce their work, with appropriate acknowledgement.
11. Registration of teams and submission of the entries happened only through NISR website
12. **INTELECTUAL PROPERTY:** In submitting their entry to NISR the team had to declare that the infographic being submitted was their own work, and all sources of reference were acknowledged in full. They had also to certify that all images in infographic were either available under a Creative Commons licence or permission was obtained. By submitting the entry, the teams granted to NISR an irrevocable, perpetual and royalty-free right to use, reproduce, edit, display, transmit, prepare derivative works, modify, publish and otherwise make use of the submitted work or other information in any and all media, whether now known or hereinafter created, throughout the world and for any purpose, in addition to the right to resize, crop, censor, compress, edit, feature, caption, affix logos to, and to otherwise alter or make use of the submitted work.

It was stipulated that only the top 3 teams (12 students) should receive the prizes and those top 3 teams should be eligible for paid internship at the NISR upon their completion of education. Also the 15 (including top 3) entries should be recognized and showcased on the NISR's website and at the venue of award ceremony. The teams were expected to present their work to the audience.

Prizes

First prize: Apple computers to each member of the team placed first.
Second prize: SAMSUNG Galaxy S8 to each member of the team placed second.
Third prize: SAMSUNG Galaxy S7 to each member of the team placed third.

Important dates:

- Registration deadline for teams: October 23rd , 2017
- Submission deadline of entries to NISR: November 12th, 2017
- Pre-selection: 15th – 16th November 2017
- Coaching Workshop for selected top 30 Teams: 21st - 25th November, 2017
- Second Evaluation (15 Upcoming teams from the coaching workshop): November 28th – 29th November, 2017
- Notification to The Winners 2017 INFOGRAPHIC COMPTETION: 4th December, 2017
- Award/Certificate of recognition: December 12th , 2017

ENGAGEMENT TOWARDS THE INFOGRAPHIC COMPETITION 2017

This year, the engagement of students and their Universities was almost the same as the previous year. By the team's registration deadline, NISR had received a total of 100 teams' registration requests from 14 Higher learning Institutions for the INFOGRAPHIC COMPETITION 2017 while in 2016, 108 teams registered from 22 universities.

By the entry submission deadline, NISR had received a total of 56 entries. The following table describes the registration and submission status of the teams from different Universities.

S/N	INSTITUTION / UNIVERSITY	REGISTERED	SUBMITTED ENTRIES
1	University of Rwanda (UR)	53	36
2	INES Ruhengeri	18	4
3	Kepler University	11	9
4	University of Kigali	4	0
5	IPRC Kigali	2	1
6	IPRC East	1	1
7	KIM	1	0
8	CMU	2	1
9	ISPG Gitwe	1	1
10	ULK	3	0
11	AUCA	1	1
12	MUSANZE POLYTECHNIC	1	1
13	INSTITUT CATHOLIQUE DE KABGAYI (ICK)	1	0
14	UNILAK	1	1
TOTAL	14 UNIVERSITIES	100	56

PRE- SELECTION OF INFOGRAPHIC COMPETITION 2017

The selection took place on 15th – 16th November 2017. All 56 entries were assessed by a team of NISR Staff from different units related to the competition. The assessment was based on predefined selection criteria. 30 teams were selected to compete for the final stage.

Among the 56 teams, 1 was disqualified because they submitted a youtube video link from another group. Finally the selection committee assessed 55 Static and dynamic submissions with already set criteria below.

The evaluation criteria for the entries were explicitly announced on the competition page and posters, and included the following:

A. Static evaluation criteria (/70 marks where each counts for 7 marks)

1. Relevancy to the Labor force survey in Rwanda.
2. Story (The narrative character of the infographic)
3. Design & Hierarchy (appropriate representation of different data levels, including clear leading piece of data)
4. Accurate Data Representation
5. Innovative (Out of the box thinking)
6. Informative Visualizations (Full on information)
7. Distinct Point of View (Uniqueness)
8. Creativity & Originality
9. Shareability (format, size, openness etc. to be optimum to ease public access)
10. Statistical concepts (Clear statistical understanding)

B. Dynamic evaluation criteria (/30 marks where each counts for 10 marks):

1. Graphic timing and animation technique
2. Reliability (Layout, colors, font choice, size and ratio)
3. Story flow

Evaluation Criteria / Names of Teams	Relevancy to competition message (marks /7)	Story (Max marks /7)	Design & Hierarchy (Marks /7)	Accurate Data Representation (marks /7)	Innovative (marks /7)	Informative Visualizations (marks /7)	Distinct Point of View (marks /7)	Creativity & Originality (marks /7)	Shareability (marks /7)	Statistical concepts (marks /7)	Graphic timing & Animation technique (marks 10)	Legibility (marks 10)	Story flow (marks 10)	Total (100)	Rank
Harmony	6.3	6.0	5.3	6.0	5.3	5.0	4.3	4.5	5.5	6.1	6.4	6.8	6.9	74.1	1
Infovision	6.0	5.9	5.1	6.0	4.6	4.5	4.0	4.3	5.8	5.1	7.4	7.4	7.3	73.3	2
The Bright visuals	6.3	6.0	5.1	4.6	5.3	5.3	4.9	4.6	5.6	4.8	6.8	6.5	7.0	72.6	3
Top communicators	6.5	6.4	5.9	5.8	5.9	5.3	4.8	5.3	5.5	5.5	5.3	5.1	5.4	72.4	4
T&I	6.5	5.6	5.5	6.0	4.9	6.0	4.5	4.3	6.0	5.5	6.3	4.8	6.5	72.3	5
Amigos	6.5	6.0	5.5	5.5	4.3	5.1	4.4	4.5	5.0	5.3	6.8	6.8	6.8	72.3	6
Wise Ladies	6.1	5.8	5.0	5.8	4.3	5.4	4.3	4.0	4.8	5.3	6.4	6.8	6.9	70.5	7
ISPG Delta	6.1	6.0	5.8	4.9	5.0	4.9	4.3	4.6	5.3	4.5	6.3	6.0	6.8	70.3	8
Nof Designers	6.3	5.8	4.9	6.1	4.8	5.0	4.1	4.9	4.8	5.3	5.9	6.1	5.8	69.5	9
Ubugenie	6.5	5.8	5.8	5.5	5.1	5.0	4.3	4.3	5.5	5.0	5.0	5.1	5.9	68.6	10
Brave Designers	6.4	5.5	5.1	5.3	4.1	4.5	4.3	3.9	5.3	5.0	6.4	6.4	6.3	68.3	11
Vision Quest	6.0	5.6	4.6	5.3	4.1	4.4	4.0	3.8	5.0	5.0	6.9	6.5	6.6	67.8	12
Amani	6.5	5.8	5.0	4.4	4.3	5.3	4.4	4.3	5.3	4.8	5.0	5.5	5.8	66.0	13
A-Kep for Stats	5.5	5.6	4.6	5.0	4.3	4.3	3.5	4.0	5.0	4.1	5.8	7.4	6.1	65.1	14
Green Arts	5.4	5.3	4.1	3.9	3.3	4.3	3.6	3.9	5.4	4.0	7.1	7.0	7.9	65.0	15
Gorilla Team	4.8	4.9	4.3	3.0	4.3	3.9	4.3	4.4	5.5	2.9	7.5	7.5	6.4	63.4	16
Urumuli Team	6.0	5.8	5.1	4.9	4.3	5.0	4.0	3.5	4.8	4.8	4.3	5.3	5.3	62.8	17
Confident group	5.8	5.3	3.8	3.3	4.1	4.4	4.3	4.0	5.6	2.9	6.6	6.6	5.8	62.3	18
Innovative Team	5.8	5.6	4.6	4.6	4.0	3.6	3.3	3.1	4.6	5.0	5.6	5.6	5.8	61.3	19
Come and See	5.9	5.8	4.9	3.9	3.8	4.0	3.3	3.5	4.5	4.0	5.9	5.6	5.5	60.4	20
Archibeau	6.5	6.0	5.8	5.9	5.5	5.3	4.6	4.5	5.0	5.0	2.0	2.5	1.5	60.0	21
Pivot	5.8	5.6	4.9	5.0	4.3	4.4	3.6	3.0	4.3	4.6	4.6	5.0	4.4	59.4	22
Jumbo Group	5.9	5.5	4.5	4.4	3.5	3.3	2.8	3.0	4.5	4.5	5.3	5.6	6.1	58.8	23
The Invintors	6.0	5.6	4.1	4.3	3.8	4.5	3.3	3.8	4.1	4.1	5.0	4.6	5.4	58.5	24
Brainiac1	5.3	5.0	4.5	2.3	3.6	3.5	3.5	4.0	5.1	2.9	6.8	5.4	6.6	58.4	25

Cream Group	**5.9**	**5.8**	**4.4**	**4.4**	**3.0**	**3.5**	**2.9**	**3.0**	**4.8**	**5.0**	**5.3**	**4.5**	**5.8**	**58.0**	**26**
Sapphires	**5.8**	**5.4**	**4.1**	**3.8**	**3.9**	**4.0**	**3.3**	**3.3**	**4.8**	**4.6**	**5.3**	**4.6**	**5.1**	**57.8**	**27**
Possible outcome	**5.8**	**5.0**	**3.4**	**3.4**	**2.8**	**3.9**	**3.3**	**4.3**	**5.3**	**3.5**	**5.8**	**6.1**	**5.4**	**57.6**	**28**
Infoxperts	**5.3**	**5.3**	**4.3**	**2.9**	**3.5**	**4.3**	**3.4**	**3.4**	**5.3**	**2.8**	**5.8**	**6.0**	**5.3**	**57.1**	**29**
Dream crushers	**5.8**	**5.3**	**4.8**	**3.3**	**3.5**	**4.0**	**2.6**	**3.1**	**4.8**	**3.3**	**5.4**	**5.0**	**6.0**	**56.6**	**30**
Courageous Team	5.8	5.5	3.9	4.4	3.3	3.5	2.9	2.9	3.8	4.0	5.8	5.3	5.0	**55.8**	**31**
K&M	5.8	5.3	4.4	3.3	3.3	4.0	2.6	2.9	4.0	2.8	5.3	5.5	6.0	**54.9**	**32**
Isibo Designers	5.5	5.3	3.8	4.4	3.3	3.5	3.1	3.8	4.1	4.5	4.4	4.5	4.4	**54.4**	**33**
Kaza	5.3	5.0	3.6	3.8	2.9	3.3	2.6	2.4	3.8	4.0	4.6	4.9	5.0	**51.0**	**34**
The Thunder	5.5	4.5	3.0	3.4	3.0	2.9	1.8	2.0	3.8	3.5	5.8	4.4	5.4	**48.8**	**35**
Kalisimbi	5.1	5.0	2.6	3.5	2.3	2.8	2.3	2.1	5.0	3.4	5.5	4.9	3.6	**48.0**	**36**
Multidimension Team	6.0	5.5	4.5	5.1	4.0	4.5	3.5	4.3	5.3	4.6	0.0	0.0	0.0	**47.3**	**37**
Truth Group	3.5	4.5	3.8	1.3	3.5	2.3	2.5	3.3	4.0	4.3	5.0	4.8	4.8	**47.3**	**38**
Dynamic developers	5.4	4.5	3.0	3.4	1.4	2.5	1.6	1.5	4.3	3.5	5.3	4.1	4.9	**45.3**	**39**
The makers	5.9	5.5	4.1	4.8	3.5	4.3	3.1	3.4	4.5	4.8	0.0	0.0	0.0	**43.8**	**40**
Data Info-Analyticers	5.5	5.0	3.8	3.4	2.3	2.5	2.1	1.5	3.3	3.3	3.3	3.5	2.5	**41.8**	**41**
New generation	5.8	5.3	4.1	4.5	3.0	3.4	2.6	3.1	4.0	4.5	0.0	0.0	0.0	**40.3**	**42**
Scount	5.8	5.0	4.5	3.6	3.3	4.0	2.8	3.0	4.0	4.4	0.0	0.0	0.0	**40.3**	**43**
Victory	5.5	5.5	4.3	4.5	3.1	3.3	2.6	2.5	4.3	4.5	0.0	0.0	0.0	**40.0**	**44**
Brainiacs 2	5.5	4.8	3.8	3.8	3.4	3.8	2.9	2.8	4.0	4.5	0.0	0.0	0.0	**39.0**	**45**
The Innitiators	5.8	5.1	4.1	4.5	2.8	3.8	2.5	2.5	3.3	4.4	0.0	0.0	0.0	**38.6**	**46**
Active Nurses	5.9	5.5	3.5	5.5	2.5	2.3	2.3	2.4	2.8	4.3	0.0	0.0	0.0	**36.8**	**47**
Albertserge	5.5	5.4	3.8	3.4	2.0	3.5	3.0	2.5	3.5	3.6	0.0	0.0	0.0	**36.1**	**48**
Amazing Nurses	5.3	5.0	2.5	6.1	2.1	2.5	2.3	2.9	2.9	3.8	0.0	0.0	0.0	**35.3**	**39**
The winners	5.3	5.3	2.9	3.6	2.9	3.0	2.8	1.5	3.4	4.0	0.0	0.0	0.0	**34.5**	**50**
Blessed nurses	5.6	4.5	2.5	5.8	2.0	2.8	1.9	2.5	2.3	3.8	0.0	0.0	0.0	**33.5**	**51**
Rwamagana Nurses	5.0	4.6	3.0	3.3	2.5	2.5	2.0	1.8	2.5	3.5	0.0	0.0	0.0	**30.6**	**52**
Statistician Nurses	5.0	4.0	2.5	2.8	1.5	2.3	2.0	1.8	2.5	3.5	0.0	0.0	0.0	**27.8**	**53**
Creative Nurses	4.8	5.0	3.0	1.8	1.5	2.5	1.8	1.5	2.5	2.5	0.0	0.0	0.0	**26.8**	**54**
ETTYEAR1	5.3	5.1	2.3	3.3	1.3	1.5	1.0	1.0	2.8	3.0	0.0	0.0	0.0	**26.4**	**55**

THE DISQUALIFIED TEAM IS:

S/N	TEAM NAME	INSTITUTION/ UNIVERSITY	REASON
1	**BLESSED**	UR-CST	The team submitted a dynamic work similar to that of another group.

WORKSHOP WITH 30 TOP SELECTED FROM THE FIRST EVALUATION

From 21st November to 25th November the NISR's innovation team took the selected 30 top teams to HUYE for the final stage of the Competition where each two teams had to randomly choose one another and merge to form a team of 4 members, so that different skills they have on statistics and design may be converged on one Infographic piece.

From the workshop, the 30 teams merged and came up with 15 new teams that were given new names. The table below shows how the teams entered the next step of the competition.

NEW NAMES	MERGED TEAMS	UNIVERSITY
I designers	Gorilla	UR-CST
	GreenArts	UR-CST
Alpha designers	Innovative	UR-CBE
	Nof Designers	UR-CAEVM
Smart Planners	Brainiacs	KEPLER University
	Amani	UR-CBE
Medarch	Archibeau	UR-CST
	ISPG Delta	ISPG Gitwe
The lights	Urumuli	AUCA
	Wise ladies	KEPLER University
NGD Group	Infoexperts	KEPLER University
	Top communicator	UR-CST
Accelerators	Possible outcomes	UNILAK
	Vision quest	INES Ruhengeri
Crack Designers	Jumbo Group	UR-CBE
	T&I	UR-CST
Concord	Pivot	UR-CBE
	Harmony	UR-CBE
Aspirant group	Dream crushers	UR-CBE
	Brave Designers	UR-CBE
Co-creators	Inventors	KEPLER University
	Ubugenie	INES Ruhengeri
A&C	Confident	UR-CBE
	Amigos	CMU
MavInfo	Cream group	UR-CBE

	Infovision	KEPLER University
Iwacu	Come and see	UR-CBE
	Akep for Stat	KEPLER University
The Invincibles	Sapphires	UR-CBE
	Bright Visuals	UR-CBE

THE SECOND (FINAL) EVALUATION

From 27th to 30th November, 2017, before a panel of experts in graphic design, statistics and communication, were brought 15 new artworks (static and dynamic Infographics). They were evaluated according to the previous criteria, but both static and dynamic infographics counted for 50%-50% of the total marks, and the results showed the winners of the INFOGRAPHIC COMPETITION 2017.

The compilation of marks of each and every judging panel member, have concluded that the top Three Winners of the INFOGRAPHIC COMPETITION 2017 are:

S/N	TEAM NAME	INSTITUTION/ UNIVERSITY	TEAM MEMBERS	MARKS %
1	**Concord**	University of Rwanda - College of Business and Economics (UR-CBE)	- Mr Benoit Picard Dushimimana - Mr Eliezel Niyitegeka - Pierre Celestin Niyomugabo -Ms Diane Batamuriza	**74.0**
2	**NGD Group**	- KEPLER University -University of Rwanda - College of Science and Technology (UR-CST)	- Derrick Muhire - Divine Martine Umuhire - Jean Léon Rukundo - Célestin Mutezimana	**71.0**
3	**Co-Creators**	-KEPLER University -INES-Ruhengeri	- Jean Luc Abayo - Marie Bertrande Umuhire - Libère Mukunzi - Jeannette Mukangango	**70.5**

RESULTS OF THE SECOND EVALUATION

RANK	Names of Teams	Relevancy to competition message (Max marks 5)	Story (Max marks 5)	Design & Hierarchy (Max marks 5)	Accurate Data Representation (Max marks 5)	Innovative (Max marks 5)	Informative Visualizations (Max marks 5)	Distinct Point of View (Max marks 5)	Creativity & Originality (Max marks 5)	Shareability (Max marks 5)	Statistical concepts (Max marks 5)	Graphic timing (Max marks 10)	Animation technique (Max marks 10)	Legibility (Max marks 15)	Story flow (Max marks 15)	Total (100)
1	Concord	4.0	3.4	4.0	3.9	3.0	3.1	3.0	3.6	4.3	4.0	7.8	8.0	11.0	11.0	74.0
2	NGD Group	3.9	3.0	3.5	4.1	3.3	3.3	3.0	3.1	3.8	3.6	7.5	8.1	10.9	10.0	71.0
3	Co-Creators	3.8	3.5	3.9	4.0	3.5	3.3	3.3	3.3	3.9	3.5	6.5	8.3	9.8	10.3	70.5
4	Aspirant Group	4.0	3.5	3.5	4.0	3.3	3.5	3.0	3.0	3.5	4.0	7.0	7.0	10.0	10.8	70.0
5	The light	3.5	3.5	3.5	3.9	3.3	3.3	3.3	3.0	3.6	3.3	7.4	7.3	10.4	10.8	69.8
6	The Invincibles	3.6	3.4	3.3	3.0	3.0	3.6	3.0	3.3	4.0	3.3	7.5	7.5	10.5	10.8	69.6
7	Alpha Designers	4.1	3.8	3.8	4.3	3.5	3.3	3.0	3.3	3.9	4.0	6.0	7.3	9.5	10.0	69.5
8	A&C Group	3.5	3.5	3.5	4.0	3.0	3.0	3.3	3.0	2.5	4.0	7.3	6.5	10.0	9.8	66.8
9	Smart planners	4.0	3.0	3.9	4.0	3.1	3.0	2.8	2.6	4.0	3.6	6.3	6.5	9.5	10.3	66.5
10	Iwacu	2.8	3.3	3.0	3.3	2.6	2.4	2.3	2.5	3.0	3.0	8.3	8.5	11.5	10.0	66.3
11	MEDARCH	3.4	3.3	3.3	2.5	3.4	3.0	3.3	3.8	4.0	2.8	6.5	6.4	9.9	9.0	64.3
12	I Designers	3.5	3.0	2.8	2.8	4.0	2.9	3.6	4.0	3.6	3.1	6.8	7.0	9.3	7.8	64.0
13	Crack Designers	3.3	3.4	2.8	3.4	2.5	3.0	2.5	3.0	3.5	3.3	7.0	7.3	9.0	9.5	63.3
14	MavInfo	2.9	3.0	3.5	3.3	3.0	3.0	2.4	2.3	3.8	3.3	6.8	6.3	9.8	9.8	62.8
15	Accelerators	4.0	3.1	3.4	3.4	3.0	3.0	3.0	3.0	3.5	3.5	5.5	5.0	7.3	6.5	57.1