



ANNUAL REPORT

Korea Anti-Doping Agency 2018





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Intelligence and Investigations
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PyeongChang 2018 Olympic and Paralympic Winter Games
Hosted the Interantional Anti-Doping Seminar in Asia and Oceania
Participated in International Anti-Doping Seminars
WADA's Code Review Compliance Audit
Visited WADA and Overseas National Anti-Doping Organizations
Jakarta Palembang 2018 Asian Games



“ Korea Anti-Doping Agency will always strive to ensure that everyone including the athletes recognize the importance of anti-doping to secure the clean sports environment.”

01 Message From the President

KADA has been actively carrying out anti-doping activities for sports in Korea and internationally with the goal of protecting athletes from doping and enhancing fair competition and the sporting spirit of athletes. We sincerely appreciate the cooperation of the World Anti-Doping Agency, International Federations, other National Anti-Doping Agencies, the Korean Sports & Olympic Committee, Korea Paralympic Committee, and the Professional Sports Association for their strong commitment and cooperation to fight against doping in Korea.

The year 2018 was the year where KADA was able to raise its international status as a national anti-doping agency. Based on the experiences and expertise in doping control that has been accumulated over many years in diverse major international sport events, KADA successfully conducted doping control activities for the PyeongChang 2018 Olympic and Paralympic Winter Games. Besides, KADA went through the audit conducted by the independent Compliance Review Committee of the World Anti-Doping Agency (WADA) and reorganized the procedures and equipment to carry out internationally standardized doping control activities.

Moreover, the year 2018 was the period that had the greatest demand for such a report and subsequently improved the intelligence activities about anti-doping globally. Following such a trend, KADA founded the Investigation & International Relations Department and installed an investigation committee for the information collection, analysis, and investigation about doping, thus adding a number of intelligence functions to anti-doping activities. KADA has strived to alert more people to the importance of anti-doping. As the School Sports Promotion Act was revised, the importance of anti-doping education for student athletes increased significantly. KADA initiated the outreach program for elementary school student athletes. Also, in addition to performing outreach programs for athletes, KADA visited many different places where the parents and young athletes gather around to conduct on-site promotion activities.

KADA will continuously make its best efforts in the future to ensure that the athletes and others recognize the significance of anti-doping and in turn create a clean sports environment together.

Thank you.

KADA President
LEE, Yeong Hee

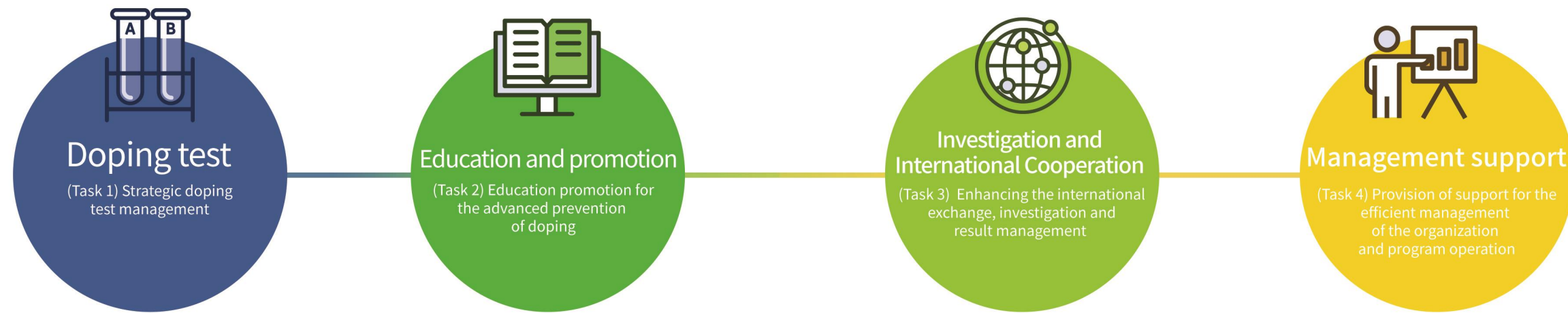
Mission Protection of the athletes' health against doping and the creation of a fair sports environment

Vision A specialized agency that leads to clean sports

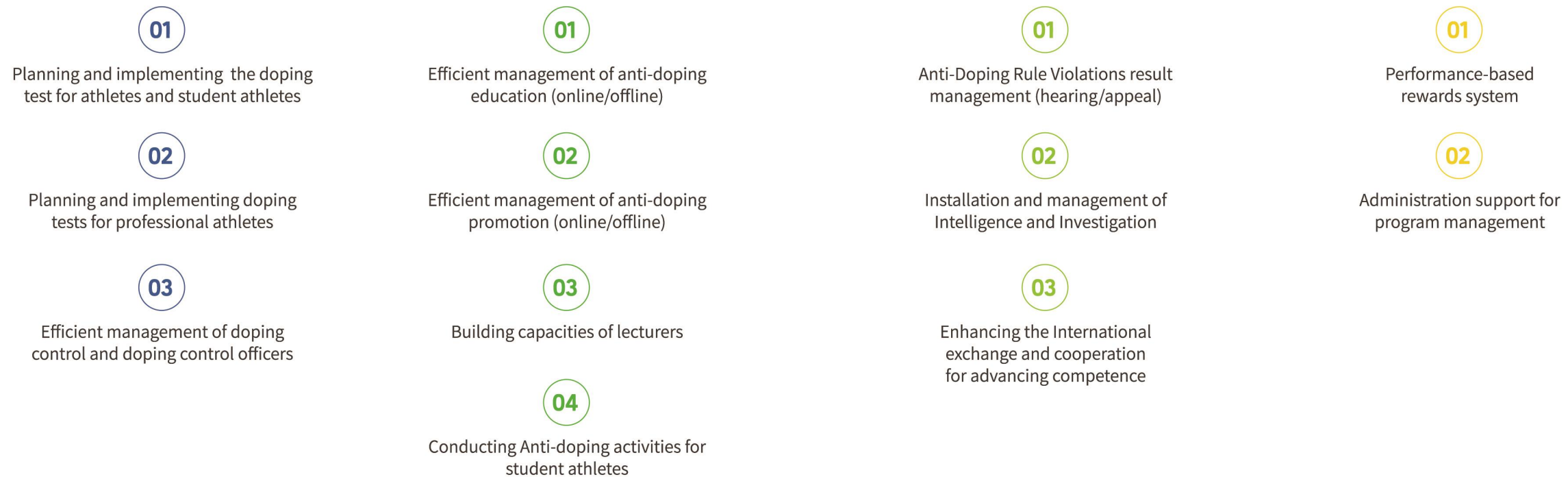
Core Values



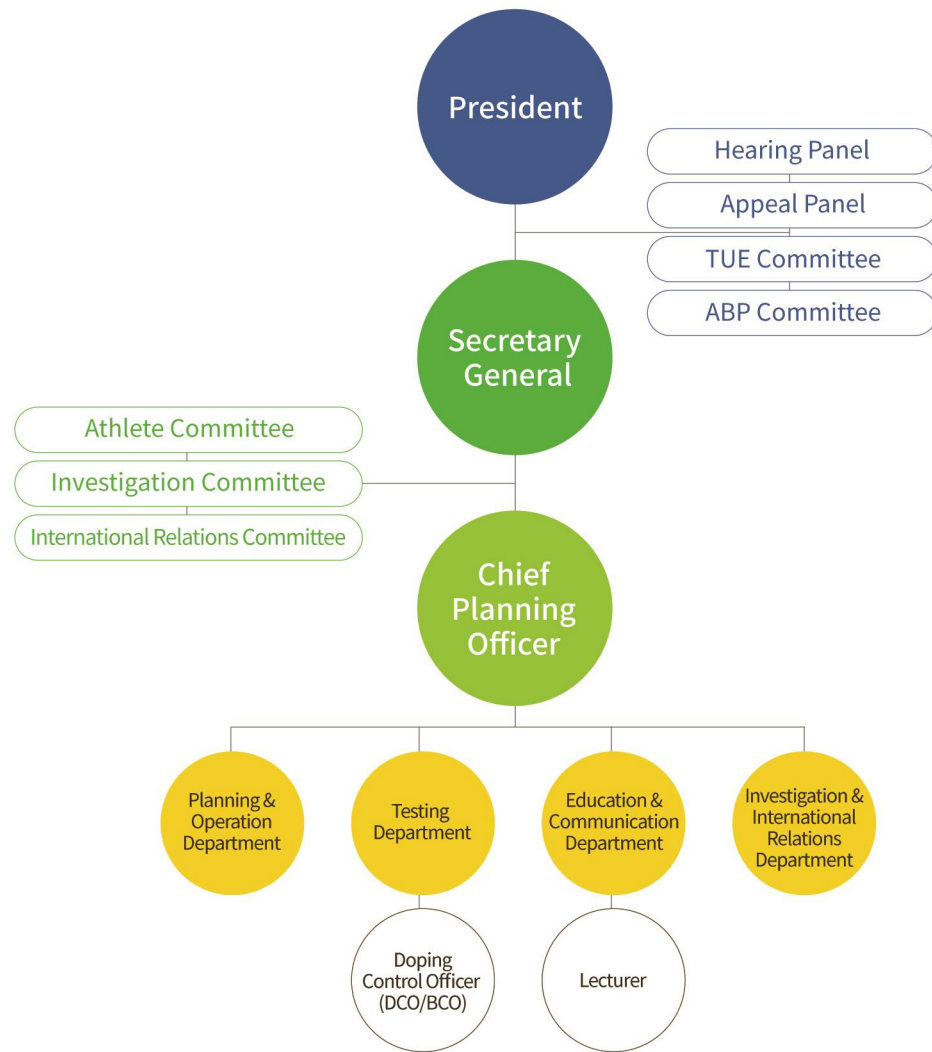
4 Major Strategic Targets



12 Major Strategic Tasks



03 Organization



Board Members *As of 2018

Position	Name
President	JIN, Young Soo
Vice President	KIM, Yong-sam
Secretary General	KIM, Choonseop
Members	SUH, Sang-Hoon
	LEE, Sang Il
	LEE, Yong-sik
	KANG, Jung-won
	CHUN, Choong Ryul
	JEON, Young-ji
	CHUN, Hea-ja
	HONG, Jeong Ho
Auditor	YOON, Seok Ho

Independent Committees

Category	Role
Hearing Panel	Hears and forms decisions regarding athletes and other related parties who are suspected of violating Anti-Doping Rules.
Appeal Panel	Hears and forms decisions regarding appeals.
TUE Committee	Evaluates the TUE application and issues its decision
ABP Committee	Provides professional opinions regarding the usability of prohibited substances and prohibited methods by reviewing the ABP.

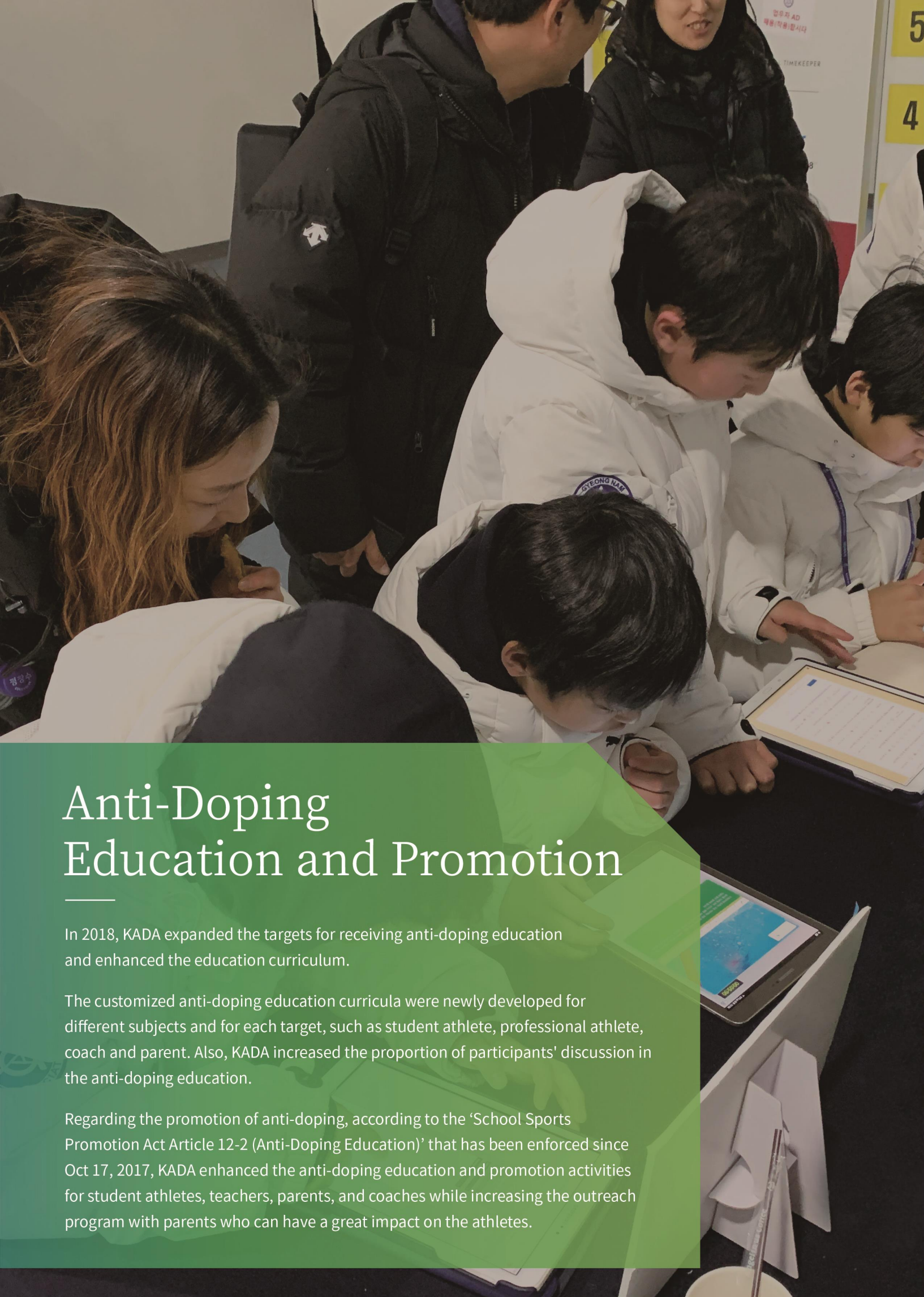
Advisory Committees

Category	Role
Athlete Committee	Represents all athletes and works as an honorary ambassador to raise the anti-doping awareness of public
Investigation Committee	Collects, analyzes, and evaluates intelligence regarding doping, and consults investigations about doping.
International Relations Committee	Offers consultations on the international cooperation related to anti-doping.

• Revenues

(Unit: 1,000 KRW)

Operating expenses	Program expenses	Total
1,963,000	2,798,000	4,761,000



Anti-Doping Education and Promotion

In 2018, KADA expanded the targets for receiving anti-doping education and enhanced the education curriculum.

The customized anti-doping education curricula were newly developed for different subjects and for each target, such as student athlete, professional athlete, coach and parent. Also, KADA increased the proportion of participants' discussion in the anti-doping education.

Regarding the promotion of anti-doping, according to the 'School Sports Promotion Act Article 12-2 (Anti-Doping Education)' that has been enforced since Oct 17, 2017, KADA enhanced the anti-doping education and promotion activities for student athletes, teachers, parents, and coaches while increasing the outreach program with parents who can have a great impact on the athletes.

01 Anti-Doping Education Program



In 2018, as the number of athletes who participated in the international championships increased along with an increase in the demand for education by sports organizations KADA provided a higher proportion of anti-doping education programs and education participants.

1. Anti-doping education in 2018

Category	# of education	# of participants
Education	170	10,691
National athlete	56	2,810
Reserved National athlete	40	1,206
Student athlete	20	4,677
Professional sports athlete	54	1,998
Education (User-Pay)	149	13,827
Total	319	24,518

2. Anti-doping education by target

① National Athletes

Category	# of education	# of participants
• In National Training Camps (Monthly)		
- Korean Sport & Olympic Committee, KSOC	17	1,476
- Korean Paralympic Committee, KPC	5	362
• Out-of National training camp (Occasional)		
- Korean Sport & Olympic Committee, KSOC	31	549
- Korean Paralympic Committee, KPC	3	423
Total	56	2,810

② Reserved National Athletes

Category	# of education	# of participants
• During the Summer & Winter Camp Training (28 sports, incl. Athletics)	40	1,206



02 Online Anti-Doping Education

③ Professional Sports Athletes

Category	# of education	# of participants
• Professional Football (K League), 12 clubs	12	425
• Professional Baseball (KBO), 10 clubs	11	778
• Professional Basketball (KBL, WKBL), 16 clubs	16	289
• Professional Volleyball (KOVO), 13 clubs	13	266
• Professional Golf (KPGA, KLPGA)	2	240
Total	54	1,998

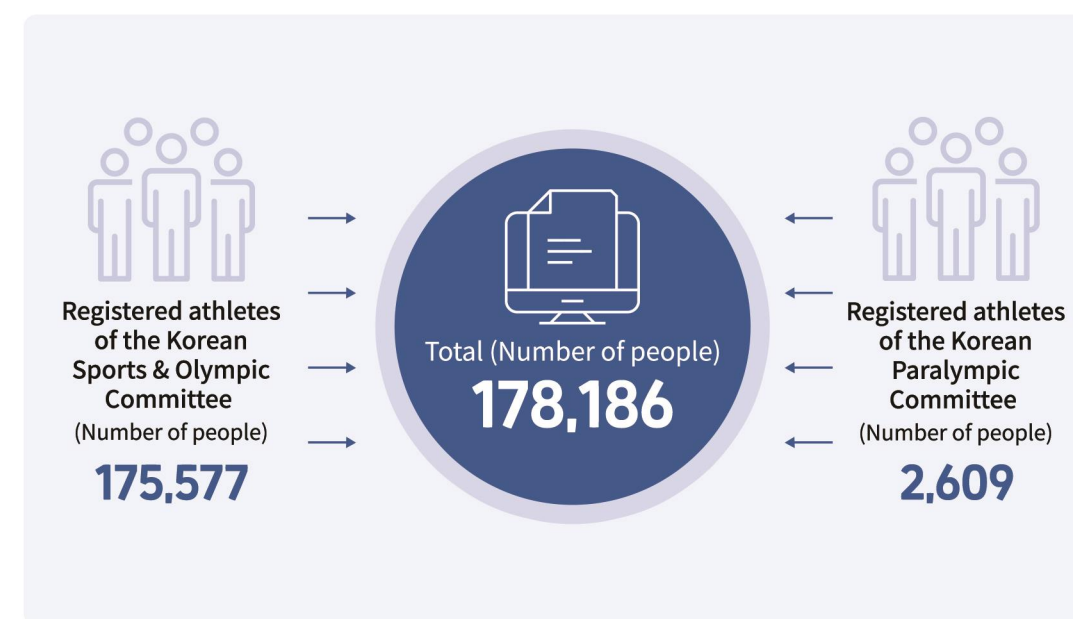
④ Student Athletes

Category	# of education	# of participants
• Physical Education Middle/High schools	20	4,677

⑤ Requested by relevant Organizations

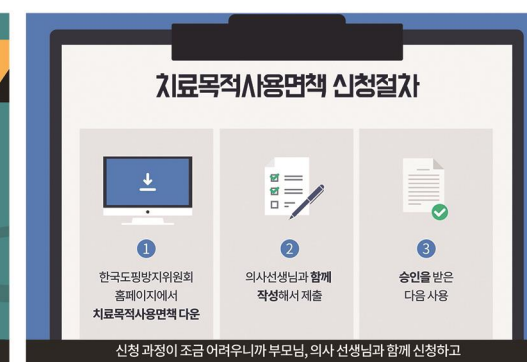
Category	# of education	# of participants
• National Federations (NFs), Municipal/Provincial branches of NFs	66	6,523
• Others	83	7,304
Total	149	13,827

Achievements by the numbers



Developing online compulsory educational content on anti-doping

In 2018, KADA extensively improved the online compulsory anti-doping educational curriculum for registered athletes of the Korean Sports & Olympic Committee and Korea Paralympic Committee. As a result, four new contents were developed for KSOC/KPC registered athletes, professional athletes, student athletes, coaches, each, and 16 different contents for each subject on the basic knowledge about anti-doping.



03 Anti-Doping Outreach Program



01 The 99th National Winter Sports Festival

From 7 to 16 January, KADA conducted Outreach programs for anti-doping at the 99th National Winter Sports Festival that took place in Seoul and Gangwon-do Province for athletes and the athlete support personnel who participated in three game events.



02 The 47th National Junior Sports Festival

From 26 to 29 May, KADA carried out Outreach programs for 10 different events at the 47th National Junior Sports Festival that was held in Chungcheongbuk-do Province. The participants took the time to solve WADA's anti-doping Youth Quiz for checking their general knowledge about anti-doping information and the testing procedure.



03 The Jincheon National Training Center

At the Jincheon National Training Center, KADA conducted the Outreach program about anti-doping for the Jakarta Palembang 2018 Asian Games and took the time to guide the athletes and coaches over the necessary anti-doping checklists.

Anti-Doping Outreach Program Achievements

Date	Events
Jan.	The 99th National Winter Sports Festival
May.	The 47th National Youth Sports Festival
July.	Jincheon National Training Center for preparation of the 2018 Asian Games in Jakarta-Palembang
Sept.	National Elementary School Badminton Autumn Championships
	Jecheon KAL Cup Men's Pro Volleyball Competition
Oct.	Korean Paralympic Committee Icheon Training Center for preparation of the 2018 Asian Para Games in Jakarta
	The 99th National Sports Festival
Nov.	The 38th National Para Games
	Sports Medicine Seminar hosted by the Korean Sports & Olympic Committee
	National Youth Competition for Speedskating

04 Online Anti-Doping Promotion



Online anti-doping promotion through the Social Network Service (SNS)



05
Anti-Doping
Activities
for Student
Athletes



40,187 athletes (60%)
66,000 registered athletes participated

The sense of guilt dwindled as the grade increased

Low resistance in high school students against external stimuli for recommending or forcing drug use

Research on the anti-doping awareness among student athletes

KADA conducted the 'research on the anti-doping awareness among student athletes' nationwide in order to check the reality of anti-doping in schools and apply the results for anti-doping education for young athletes. The research based on the first online survey carried out regarding the anti-doping of student athletes, where 40,187 athletes (60%) out of a total of 66,000 registered athletes participated. The research results will be referred as meaningful data for establishing the anti-doping activities for young athletes.

According to the survey results, students tend to feel less guilty about doping as their grades increased and positively recognize the benefits of prohibited substances use. Also, the resistance against external stimuli for recommending or forcing prohibited substances use was the lowest in high school students.



Anti-doping education and Outreach programs for student athletes and parents in different regions

Through the cooperation agreement with the Korea University Sport Federation, KADA informed parents and student athletes of the dangers of doping and the importance of anti-doping on 7 occasions between July to December. The education programs were carried out for 1,476 people in seven different places around Seoul, Gangwon, Daegu, Gyeongbuk, Gyeongnam, Gwangju, and Busan.

Production of anti-doping guideline for parents and anti-doping cartoons

Considering the influence of parents on the anti-doping of student athletes, KADA newly established the 'Anti-Doping Guidelines for Parents' by cooperating with WADA. It is the Korean version of WADA's 'Parents' Guide to Support Clean Sport,' which contains useful information and checklists about anti-doping for parents. Moreover, KADA also produced anti-doping cartoons for student athletes to allow them to easily deliver anti-doping related information from the perspective of student athletes.



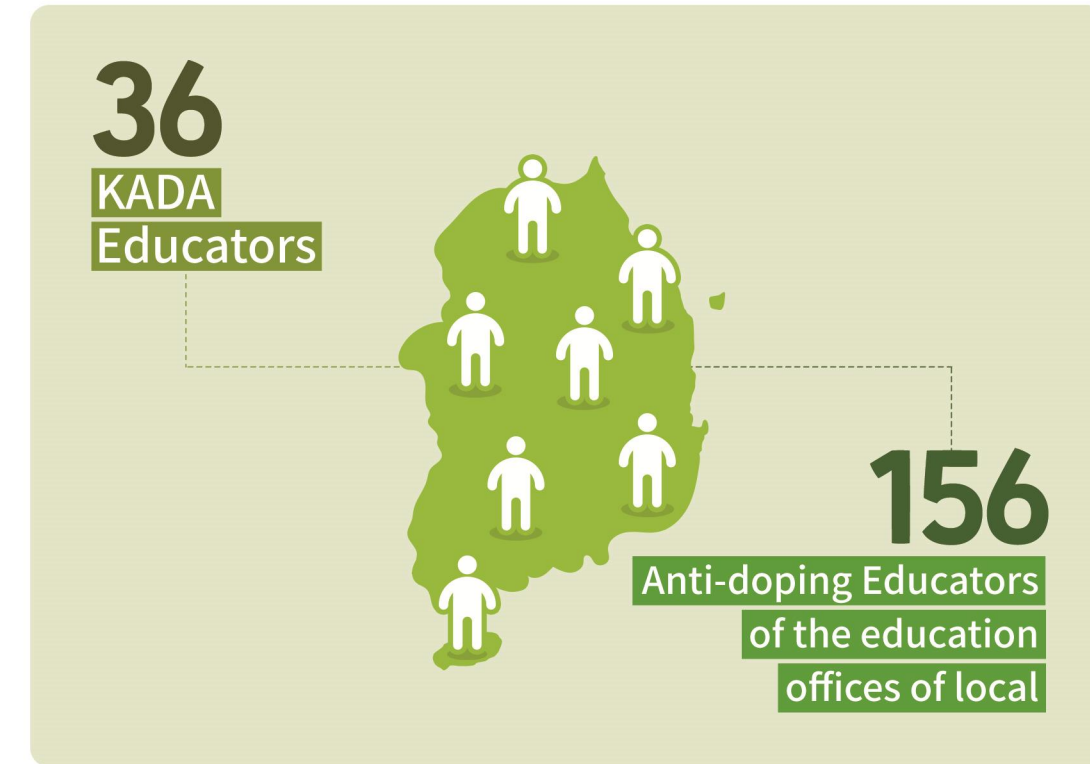
06
Anti-Doping
Seminars



On Sep 13, KADA hosted the 'Anti-Doping Sports Seminar 2018' at Seoul Olympic Parktel with the aim of improving the recognition of staff members in sports organizations regarding anti-doping. In the seminar, a total of 154 people from 85 organizations and groups participated including the Korean Sports & Olympic Committee, Korea Paralympic Committee, a variety of sports associations, national federations professional sports federations, etc. During the seminar, presentations about the 'Global trend of doping control,' 'Procedures and basic grounds for results management,' 'Survey results on the anti-doping of student athletes and utilization' 'Understanding of prohibited substances,' and so many more were carried out.

07
Educators

In 2018, a total of 36 anti-doping educators gave lectures nationwide. Also, for the increased demand for anti-doping education for student athletes, KADA supported the training of an additional 156 professional anti-doping educators of the education offices of local.



Training education for anti-doping

On Nov 10, KADA carried out the 'Training education for the anti-doping in 2018.' The training is a mandatory course for educators to obtain the re-accreditation, and it is performed every year to enhance the capabilities of educators and increase the efficiency of anti-doping education. In the training, 25 lecturers were participated.



Re-accreditation training for anti-doping education lecturers in 2018

According to the recently rising demand for anti-doping education and Outreach programs, KADA conducted the 'Re-accreditation training program for anti-doping educators' for 22 new educators from 29 to 30 November. At the training program, lectures regarding the teaching method, World Anti-Doping Code, history of anti-doping, anti-doping agencies, international standards on anti-doping intelligence and investigations, and the demonstration of doping test procedures were provided. Also, the Q&A and written exam sessions were also conducted.



Workshop for anti-doping educators who teach student athletes and the coaches of school athletic clubs

On Dec 13, KADA carried out a 'workshop for anti-doping educators' for 19 people who were recommended by the education offices of local. The goal of this workshop was to check the activities of the professional lecturers trained through cooperation among KADA, the Ministry of Education, and the education offices of local and discuss the improvement plans of anti-doping education for students according to the School Sports Promotion Act Article 12-2 (Anti-Doping Education) that has been revised and enforced since 2017.

Supporting the program for training anti-doping educators among student athletes and the coaches of school athletic clubs

As the revised bill of the School Sports Promotion Act* that made anti-doping education for student athletes and the coaches of school athletic clubs mandatory has already been passed (Apr 18, 2017), KADA has been supporting the training programs for anti-doping educators that have been organized by the Ministry of Education, and 17 education offices of local since 2018.

KADA supported the training courses of educators, including 46 physical education instructors of education offices in Gyeonggi, Gangwon, Gyeongnam, and Sejong in February, 36 education instructors of the Gyeonggi Provincial Office of Education in March, and 31 education instructors of the Incheon Metropolitan Office of Education in June. KADA supported the training courses of educators, including 46 physical education instructors of education offices in Gyeonggi, Gangwon, Gyeongnam, and Sejong in February, 36 education instructors of the Gyeonggi Provincial Office of Education in March, and 31 education instructors of the Incheon Metropolitan Office of Education in June.

* School Sports Promotion Act: Signifies that the Minister of Education and the superintendent of education should be responsible for anti-doping education and that it should be carried out at least once a year, including content regarding the concept of doping, and information related to prohibited substances and doping. Also, it describes the different ways in which education can be performed such as field trips, experiential activities, or distance learning by using information and communication media.



Therapeutic Use Exemption (TUE)

In 2018, KADA received 139 TUE application forms. 107 cases were granted while 27 were denied.



01 TUE Application Status and High Ranked Prohibited Substances

1. TUE Application Status

Classification	Applied	Approved	Denied	TUE Not Needed
S0. NON-APPROVED SUBSTANCES	-	-	-	-
S1. ANABOLIC AGENTS	2	1	1	-
S2. PEPTIDE HORMONES, GROWTH FACTORS, RELATED SUBSTANCES, AND MIMETICS	3	2	1	-
S3. BETA-2 AGONISTS	2	2	-	-
S4. HORMONE AND METABOLIC MODULATORS	18	17	1	-
S5. DIURETICS AND MASKING AGENTS	19	14	5	-
S6. STIMULANTS	14	11	2	1
S7. NARCOTICS	13	13	-	-
S8. CANNABINOIDS	-	-	-	-
S9. GLUCOCORTICIDS	63	45	14	4
P1. BETA-BLOCKERS	4	1	3	-
Prohibited Methods	1	1	-	-
Total	139	107	27	5

2. High Ranked Prohibited Substances for TUE

Rank	Prohibited Substances
1st	S9. GLUCOCORTICIDS
2nd	S5 DIURETICS AND MASKING AGENTS
3rd	S4. HORMONE AND METABOLIC MODULATORS

3. TUE Application Status in Professional Sports

Applied	Applied	Denied	TUE Not Needed
43	34	8	1

* Therapeutic Use Exemption (TUE): It is a system that evaluates and gives prior approval of the TUE application submitted by athletes according to the International Standard for Therapeutic Use Exemptions (ISTUE) in the case when the athletes should inevitably use prohibited substances for treating diseases or rehabilitation from injury.

Usage record of the prohibited substances browsing service

Classification	Total
Athletes	54,008
Pharmacists	2,201
Doctors	9,255
Coaches	2,998
Administrators of Sports Organizations	407
KADA	613
Others	9,117
Total	78,599

Based on the Prohibited List that is annually announced by WADA, KADA has been notifying the list of prohibited substances in sports.

02 Prohibited Substances Browsing Service

Doping Control

In 2018, KADA arranged new regulations and guidelines in accordance with the 'World Anti-Doping Code (Code)' and 'International Standard for Testing and Investigations' so that the doping control procedure can be carried out in a more stabilized environment.

KADA newly established various new guidelines related to the Test Distribution Plan (TDP) and Registered Testing Pool (RTP). Also, through cooperation with the Korean Sports & Olympic Committee, KADA has initiated the Article 14-2 (Installation of the doping control center) of the National Sports Festival Regulation' for the compulsory installation of the doping control center by the organization that hosts a sporting event.

Furthermore, the year 2018 was the first time when it was made possible to conduct a doping test for underage athletes at any time. A total of 855 doping tests were conducted for student athletes during and outside sporting events for one year.

1. Testing Figures in 2018

Category	Planned Testing		Sub Total	User-Pay Testing		Sub Total	Total
	Urine	Blood		Urine	Blood		
# of testing	4,723	147	4,870	806	60	866	5,736
Sub ratio	97%	3%	100%	93%	7%	100%	-
Total ratio	82%	3%	85%	14%	1%	15%	100%

2. Testing Figures by Sport

① Sports

*Listed in alphabetic order

Sub Total	Period		Sport	Sample		Sub Total	Sub Total	IC	OOC	Sport	Sample		Sub Total
	IC	OOC		Urine	Blood						Urine	Blood	
97	43	54	Aquatics	91	6	97	10	10	0	Kendo	10	0	10
60	23	37	Archery	60	0	60	6	6	0	Kickboxing	6	0	6
101	58	43	Athletics	93	8	101	10	0	10	Luge	8	2	10
47	27	20	Badminton	47	0	47	42	25	17	Modern Pentathlon	42	0	42
54	32	22	Baseball	52	2	54	39	20	19	Roller Sports	36	3	39
59	34	25	Basketball	56	3	59	53	27	26	Rowing	47	6	53
58	25	33	Biathlon	56	2	58	84	37	47	Rugby Union	78	6	84
17	17	0	Billiards Sports	17	0	17	46	28	18	Sailing	46	0	46
32	12	20	Bobsleigh	30	2	32	20	11	9	Sepaktakraw	20	0	20
53	31	22	Bodybuilding	49	4	53	62	39	23	Shooting	62	0	62
28	20	8	Bowling	28	0	28	66	45	21	Skating	61	5	66
47	30	17	Boxing	46	1	47	54	31	23	Skiing	49	5	54
75	40	35	Canoe/Kayak	71	4	75	26	16	10	Soft Tennis	26	0	26
44	28	16	Curling	44	0	44	23	10	13	Softball	23	0	23
79	43	36	Cycling	73	6	79	19	11	8	Sport Climbing	19	0	19
16	16	0	DanceSport	16	0	16	26	16	10	Squash	26	0	26
38	21	17	Equestrian	38	0	38	62	29	33	Table Tennis	62	0	62
70	27	43	Fencing	70	0	70	72	35	37	Taekwondo	72	0	72
52	30	22	Field Hockey	50	2	52	31	17	14	Tennis	31	0	31
69	36	33	Football	66	3	69	32	32	0	Traditional Archery	32	0	32
13	13	0	Go	13	0	13	36	12	24	Triathlon	31	5	36
31	20	11	Golf	31	0	31	35	20	15	Underwater Sports	35	0	35
59	38	21	Gymnastics	59	0	59	55	31	24	Volleyball	55	0	55
59	41	18	Handball	59	0	59	19	19	0	Waterskiing	19	0	19
60	29	31	Ice Hockey	57	3	60	85	41	44	Weightlifting	76	9	85
55	22	33	Judo	52	3	55	79	50	29	Wrestling	79	0	79
6	0	6	Ju-Jitsu	6	0	6	42	24	18	Wushu	42	0	42
6	0	6	Kabaddi	6	0	6							
8	0	8	Karate	8	0	8	2,527	1,398	1,129	Total	2,437	90	2,527

Developing Test Distribution Plan (TDP)

In 2018, according to WADA's Technical Document for Sport Specific Analysis (TDSSA), KADA carried out a total of 4,870 doping analyses by including 436 cases (9%) for erythropoiesis-stimulating agents (ESAs)*, 385 cases (8%) for growth hormone-releasing hormone (GHRFs)**, and 114 cases (2%) for human growth hormone (hGH)***.

For instance, KADA enhanced its doping control competence to cover the different characteristics of each sport by conducting the ESAs analysis to check on the increased ability in artificial oxygenation in long-distance track and field events, while performing hGH analysis to check on the improved muscles and physical strength in weightlifting and bodybuilding. Besides, based on intelligence activities including the suspected doping samples, doping reports, Athlete Biological Passport (ABP), KADA expanded target-testing as well as the testing of student and disabled athletes.

* ESAs: Erythropoietin Stimulating Agents

** GHRFs: Growth Hormone Releasing Factors

*** hGH: human Growth Hormone

Establishing new guidelines to comply with World Anti-Doping Code

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② Sports for Athletes with an impairment

*Listed in alphabetic order

Sub Total	Period		Sport	Sample		Sub Total	Sub Total	IC	OOC	Sport	Sample		Sub Total
	IC	OOC		Urine	Blood						Urine	Blood	
33	32	1	Boules Sports	33	0	33	12	12	0	Para-Rowing	12	0	12
20	15	5	Football 5-a-Side	20	0	20	10	10	0	Para-Rugby Union	10	0	10
11	11	0	Goalball	11	0	11	19	14	5	Para-Swimming	19	0	19
16	13	3	Para-Archery	16	0	16	15	15	0	Para-Table tennis	15	0	15
12	12	0	Para-Athletics	12	0	12	10	10	0	Para-Taekwondo-Kyorugi	10	0	10
19	13	6	Para-Badminton	19	0	19	19	14	5	Shooting Para Sport	19	0	19
3	3	0	Para-Billiards Sports	3	0	3	8	7	1	Sitting Volleyball	8	0	8
3	3	0	Para-Bowling	3	0	3	22	15	7	Wheelchair basketball	22	0	22
13	13	0	Para-Cycling	13	0	13	3	0	3	Wheelchair Curling	3	0	3
3	3	0	Para-Golf	3	0	3	9	9	0	Wheelchair Fencing	9	0	9
5	0	5	Para-Ice Hockey	5	0	5	13	7	6	Wheelchair tennis	13	0	13
8	8	0	Para-Judo	8	0	8							
22	17	5	Para-Powerlifting	22	0	22	308	256	52	Total	308	0	308



③ Professional Sports

*Listed in alphabetic order

Sport	Sample		Total
	Urine	Blood	
Baseball	309	19	328
Basketball	207	16	223
Football	296	12	308
Golf	189	3	192
Volleyball	156	11	167
Total	1,157	61	1,218

④ Sports for Student Athletes

*Listed in alphabetic order

Sub Total	Period		Sport	Sample		Sub Total
	IC	OOO		Urine	Blood	
22	18	4	Aquatics	22	0	22
13	11	2	Archery	13	0	13
396	18	378	Athletics	396	0	396
11	11	0	Badminton	11	0	11
8	8	0	Baseball	8	0	8
13	13	0	Basketball	13	0	13
10	10	0	Biathlon	10	0	10
14	14	0	Bowling	14	0	14
10	10	0	Boxing	10	0	10
14	14	0	Canoe/Kayak	14	0	14
9	9	0	Curling	9	0	9
18	18	0	Cycling	18	0	18
1	0	1	DanceSport	1	0	1
9	9	0	Equestrian	9	0	9
12	9	3	Fencing	12	0	12
10	10	0	Field Hockey	10	0	10
18	18	0	Football	18	0	18
6	6	0	Go	6	0	6
9	9	0	Golf	9	0	9
13	11	2	Gymnastics	13	0	13
11	11	0	Handball	11	0	11
10	10	0	Ice Hockey	10	0	10
15	14	1	Judo	15	0	15
6	6	0	Kendo	6	0	6
10	10	0	Modern Pentathlon	10	0	10
10	9	1	Roller Sports	10	0	10
11	11	0	Rowing	11	0	11
12	12	0	Rugby Union	12	0	12
9	9	0	Sailing	9	0	9
10	9	1	Shooting	10	0	10
12	12	0	Skating	12	0	12
11	11	0	Skiing	11	0	11
7	7	0	Soft Tennis	7	0	7
3	3	0	Softball	3	0	3
2	0	2	Sport Climbing	2	0	2
13	11	2	Table Tennis	13	0	13
18	13	5	Taekwondo	18	0	18
9	9	0	Tennis	9	0	9
11	10	1	Triathlon	11	0	11
11	11	0	Volleyball	11	0	11
18	18	0	Weightlifting	18	0	18
20	20	0	Wrestling	20	0	20
855	452	403	Total	855	0	855

3. User-Pay Testing

① Testing requested by NFs

*Listed in alphabetic order

Sub Total	Period		Sport	Sample		Sub Total
	IC	OOO		Urine	Blood	
26	25	1	Athletics	25	0	26
38	37	1	Bodybuilding	37	0	38
4	4	0	Go	4	0	4
30	30	0	Skating	30	0	30
4	4	0	Soft Tennis	4	0	4
10	10	0	Underwater Sports	10	0	10
112	110	2	Total	110	0	112

② Testing requested by IFs/ overseas anti-doping agencies

*Listed in alphabetic order

Sub Total	Period		Sport	Sample		Sub Total
	IC	OOO		Urine	Blood	
23	1	22	Archery	23	0	23
45	44	1	Athletics	45	0	45
120	24	96	Badminton	84	36	120
5	4	1	Basketball	5	0	5
3	0	3	Bobsleigh	3	0	3
4	0	4	Bodybuilding	4	0	4
10	8	2	Curling	10	0	10
3	3	0	Cycling	3	0	3
9	4	5	Fencing	9	0	9
6	6	0	Field Hockey	5	1	6
5	5	0	Floorball	5	0	5
65	0	65	Ice Hockey	61	4	65
15	0	15	Judo	15	0	15
10	4	6	Kendo	10	0	10
39	0	39	Mixed Martial Arts	37	2	39
4	4	0	Mountaineering and Climbing	4	0	4
12	12	0	Para-Taekwondo-Kyorugi	12	0	12
4	4	0	Rowing	4	0	4
244	235	9	Shooting	244	0	244
25	25	0	Shooting Para Sport	25	0	25
8	8	0	Sitting Volleyball	8	0	8
30	0	30	Skating	16	14	30
0	0	0	Skiing	0	0	0
4	4	0	Soft Tennis	4	0	4
7	7	0	Table Tennis	7	0	7
15	8	7	Taekwondo	15	0	15
44	44	0	Triathlon	44	0	44
6	0	6	Underwater Sports	3	3	6
112	110	2	Total	110	0	112

02 Registered Testing Pool (RTP) Management

In 2018, a total of 72 athletes for 31 different sports were included in the RTP. KADA designated RTP athletes by considering all of the physiological risks of doping in different sports and disciplines, the national and international rankings of the athletes, and the scientific index of the Athlete Biological Passport (ABP) by following the 'Guidelines for Implementing an Effective Testing Program.'

*Listed in alphabetic order

No.	Sport	# of athlete
1	Aquatics	2
2	Archery	4
3	Athletics	4
4	Badminton	1
5	Biathlon	3
6	Bobsleigh	2
7	Bodybuilding	2
8	Canoe/Kayak	3
9	Curling	1
10	Cycling	1
11	Fencing	3
12	Ice Hockey	2
13	Judo	4
14	Luge	2
15	Modern Pentathlon	1
16	Roller Sports	1
17	Rowing	2
18	Sailing	2
19	Shooting	2
20	Skating	1
21	Skiing	2
22	Soft Tennis	4
23	Squash	1
24	Table Tennis	3
25	Taekwondo	3
26	Tennis	2
27	Triathlon	2
28	Underwater Sports	2
29	Weightlifting	4
30	Wrestling	3
31	Wushu	3
	Total	72

03 Doping Control Officers (DCO)

In 2018, the total number of Doping Control Officers (DCO) who worked nationwide was 152, and 42 of them are BCOs (Blood Collection Officers).



Establishing 'Doping Control Officer Operating Regulations'

In 2018, by dualizing the existing 'Handbook for Doping Control Officers,' KADA additionally composed 'Doping Control Officer Operating Regulations' to complete a more fair and transparent operating system for doping control officers. Also, in addition to doping control officers, KADA produced video education materials that can be applied to chaperon training.

Training of doping control officers

During Aug 30~31, to make provisions for the increasing number of testing and blood collection., KADA selected a total of 29 doping control officers who have a medical technologist's license through document examining and interviews.



Re-accreditation training course for DCOs

KADA carried out the re-accreditation training courses for DCOs at KADA office from Nov 24 to Dec 09. In this annual training course, a total of 136 Doping Control Officers participated in taking the mandatory course for re-accreditation. In the specific training, theoretical education and practical training were carried out according to WADA's 'International Standard for Testing and Investigations' and 'Sample Collection Personnel Recruitment, Training, Accreditation and Re-Accreditation Guidelines' and the 'Doping Control Officer Operating Regulations' and the revised version of the 'Doping Control Manual' were discussed which were made for the efficient doping control management.





Results Management

In 2018, there were a total of 26 Anti-Doping Rule Violation (ADRV) cases in Korea, and more than half of them were involved with bodybuilding. The S1. Anabolic Agent which is one type of androgenic steroids was recorded as the most used prohibited substance that violated the anti-doping rules.

Sanctions for doping violations include disqualification of an athlete for a certain period of time, forfeit of all medals, scores, rewards, and records related to the event, and the name of the athlete is posted publicly on the KADA website for more than a year.

1. ADRVs in 2018

*Listed in suspension period order

Sport	Period of Suspension	# of violator
Bodybuilding	8 yrs	4
Bodybuilding	4 yrs	11
Cycling	4 yrs	1
Taekwondo	2 yrs	1
Canoe	2 yrs	1
Weightlifting	1 yrs	1
Boules Sports	4 mths	1
Boules Sports	3 mths	1
Waterskiing	3 mths	1
Traditional Archery	3 mths	1
Para-Archery	4 yrs	1
Para-Athletics	2 mths	1
Para-Swimming	1 yrs	1
Para-Swimming	3 months	1
Para-Taekwondo-Kyorugi	4 months	1
Para-Table tennis	3 months	1
Total		29

2. High Ranked Prohibited Substances of ADRV

Rank	Prohibited Substances	# of case
1st	S1. ANABOLIC AGENTS	26
2nd	S4. HORMONE AND METABOLIC MODULATORS	8
3rd	S6. STIMULANTS	6
	S9. GLUCOCORTICOIDS	6

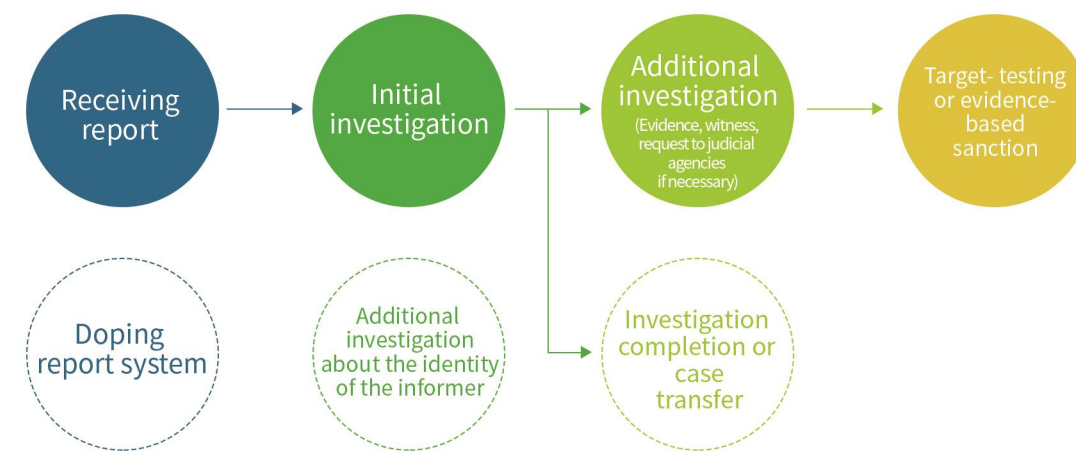
01 Anti-Doping Rule Violations (ADRVs) Status



Intelligence and Investigations

KADA established a new investigation functions in order to cope with even more elaborate doping methods by advancing its existing investigation methods which previously had mostly relied on sample analysis. Especially, the establishment of the whistleblower system has allowed for the gathering of active information based on the voluntary reports on suspicious drug use performed by athletes and athlete support personnel.

I & I process procedures of the doping report system



In July, KADA established doping report instructions to secure the rights and interests of the informer and prevent any leakage of the investigation process. After the establishment of the doping report system, a total of 15 reports were submitted in the second half of the year. Among them, 9 target-testing results and 3 samples tested positive for prohibited substances, and based on this result, KADA prosecuted athletes who violated the anti-doping code.



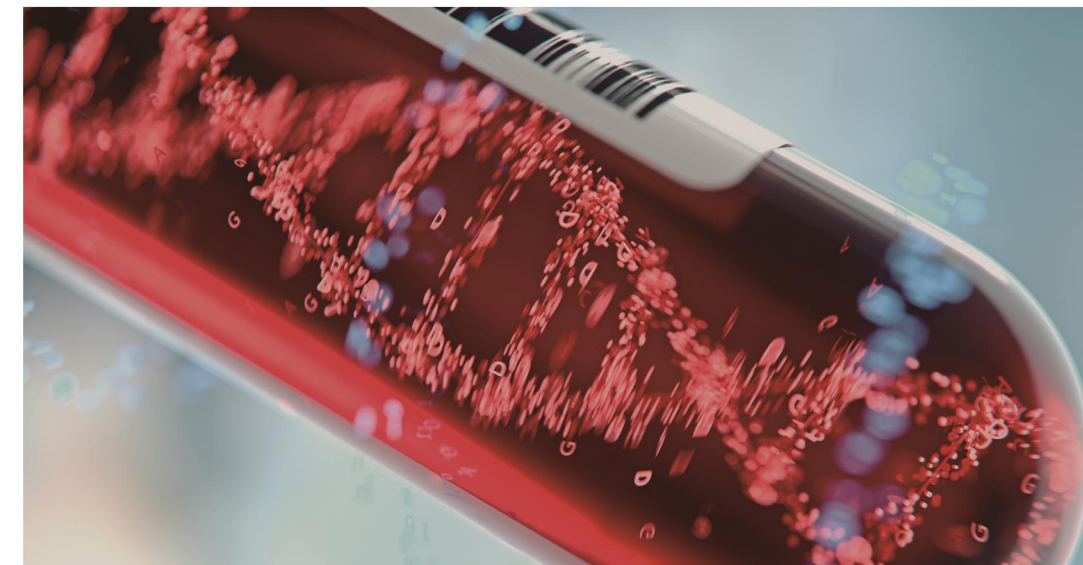
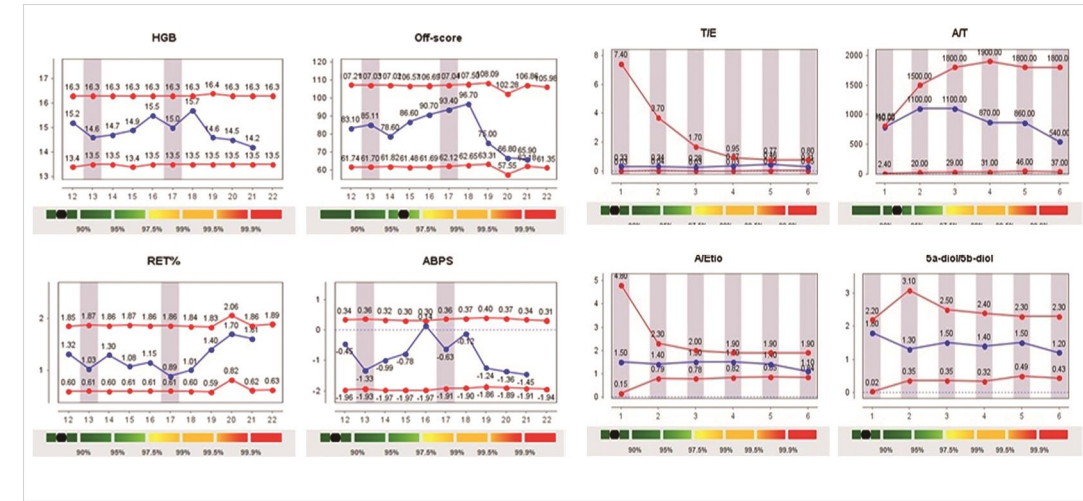
KADA established the international investigation department in April, and on Oct 02 it organized the investigation committee that is comprised of 9 specialists from the different fields of relevant authorities including the National Police Agency, Public Prosecutors' Office, Korea Customs Service, and the Ministry of Food and Drug Safety.

01 Intelligence and Investigations (I & I)

02 Investigation Committee

01 Athlete Biological Passport (ABP) Monitoring

Datafication of the biological passport of all athletes who completed a blood test or urine examination has allowed KADA to carry out more strategic and advanced anti-doping strategies.



2. Hosting of the KADA ABP committee meeting

At this meeting, profile analysis was conducted regarding the urine and blood profiles of four athletes among those who are listed in the Registered Testing Pool (RTP) in the year 2017 and provided samples on three occasions along with the urine samples of two athletes that had been classified as suspicious.

From the analysis results, the sample profiles of the four RTP athletes turned out to be normal, and for the remaining two people, the need for establishing an intelligent target-testing plan that takes account of the sampling intervals was suggested.

Science

In early 2000, the scientific world discovered that it is possible to provide an individualized blood profile through the monitoring of the hematology variant (doping market in the blood). After this discovery, WADA further developed its concept together with other groups of experts and generated the term 'Athlete Biological Passport (ABP).'





Cooperation

In 2018, KADA did a lot of international cooperation with the anti-doping community. Including the PyeongChang 2018 Olympic and Paralympic Winter Games, KADA did its best to support doping control by dispatching doping control personnel and supporting supplies to the big international events that were held overseas.

As NADO of WADA Foundation Board member, KADA attended the WADA Foundation Board Meeting and Asia/Oceania Region Intergovernmental Ministerial Meeting on Anti-Doping in Sport, lending its support to the government's strong commitment to fight against doping in sport.

Lastly, KADA received the audit conducted by the independent Compliance Review Committee of WADA. KADA implemented 100% corrective actions resulting from the Code Compliance Questionnaire as of 22 Dec, 2018.

Cooperation Agreement between KADA and the International Olympic Committee (IOC)

KADA signed an agreement with the IOC regarding cooperation to carry out testing activities during the period between the opening of the Olympic Village and the Closing Ceremony of the PyeongChang 2018 Olympic Winter Games. According to the agreement, KADA conducted doping tests to 25 athletes in alpine skiing, ice hockey, and curling who train outside the National Sports Village.

Provision of doping control personnel and supporting supplies to the PyeongChang 2018 Olympic and Paralympic Winter Games

KADA dispatched 3 staff members for the long-term and 3 staff members for the short-term to the Doping Control Team of the PyeongChang Organizing Committees for the 2018 Olympic and Paralympic Winter Games (POCOG). They successfully cooperated with the POCOG's Doping Control Team and conducted the critical functions of the team. Also, KADA seconded one staff member to the IOC administrative team supporting the work of GAISF to assist the TUEC during the period of the Games and ensured the independence of the doping control program. Most of all, the doping control of PyeongChang would have not been successful if it were not for the enthusiasm and dedication of the KADA's 99 DCOs. They were divided into 58 key workforces and 41 DCOs. They did their best to carry out doping tests with IDOCs from all over the world. In addition to providing excellent levels of human resources, KADA supported the special supplies such as refractometers and portable refrigerator for sample storage



Outreach program at the PyeongChang 2018 Olympic Winter Games and Paralympics

During the PyeongChang 2018 Winter Games, KADA dispatched HONG Jeongho, a WADA Athlete Committee member and other staff members to the WADA Outreach Programme. The WADA Outreach Booths were set up next to each of the two Athlete Villages where lots of athletes frequently visited. It focused on informing about and improving the awareness of anti-doping in general.



02 Hosting of the International Anti-Doping Seminar in Asia and Oceania



From 28 to 29 June, KADA hosted the '2018 Capacity Building Program on ADO in Asia & Oceania' at Militopia Hotel in Seongnam, and a total of 30 people participated from 21 different countries. The main contents included the compliance of the World Anti-Doping Code, monitoring program, investigation, and others related to anti-doping issues which had been highlighted with their importance globally. Also, the debriefings of the PyeongChang 2018 Olympic and Paralympic Winter Games were presented in detail.



2018 WADA Annual Symposium and iNADO Workshop

During 19~20 March, KADA participated in the iNADO Annual General Meeting and Workshop and the WADA Annual Symposium on 21~23 March, in Lausanne, Switzerland. At the iNADO Workshop, an amendment of the World Anti-Doping Code, the athletes' role for developing anti-doping regulations, and the WADA's new online training materials were presented.

In the WADA Symposium, WADA's first strategic tasks, the reconstruction methods of the Russian anti-doping program, the Anti-Doping Charter of Athlete Rights, the first-year performance report on intelligence and investigations activity, and the update on the new International Testing Agency (ITA) in addition to other information about the latest anti-doping issues were shared.

In addition, KADA visited the GAISF Doping-Free Sport Unit, which formed the nucleus of the ITA, to discuss the renewal of the Sample Collection Service Agreement.



2018 WADA Foundation Board Meeting

On 17 May, KADA participated in the WADA Foundation Board Meeting that took place in Montreal, Canada. The major contents of the meeting included the review of the amendment to the World Anti-Doping Code 2021, a budget increase of WADA, the results of WADA's Intelligence and Investigations Department, the current consultation progress of establishing the International Standard for Education, and the debriefing of the PyeongChang 2018 Olympic and Paralympic Winter Games, etc.



03 KADA at the International Anti-Doping Seminars

Participated in the 1st Global Athlete Forum

From 3~5 June, KADA participated in the 1st Global Athlete Forum that was held in Calgary, Canada. At the forum, a total of 104 athletes from 54 different countries participated. The major contents included the draft of the Anti-Doping Charter of Athlete Rights, the recent trends of anti-doping, an interview with a whistleblower from Russia, the necessity of athlete participation for decision-making in the current anti-doping system, and many others.



Participated in the Asia/Oceania Region Intergovernmental Ministerial Meeting 2018

KADA participated in the 15th WADA Asia/Oceania Region Intergovernmental Ministerial Meeting on Anti-Doping in Sport that took place on 16~17 June in Colombo, Sri Lanka, to support the Korean delegation (Ministry of Culture, Sports and Tourism). At the Meeting, a total of 68 people from 29 different countries participated, and the agenda included the current status of Contributions across the Asia region and the schedules and procedures of electing a Foundation Board Member representing the Asia region from 2019 to 2022.



Received the Compliance Review Committee's Audit

During 26~27 June, the Independent Compliance Review Committee of WADA visited the KADA office and conducted the audit to review the Code Compliance of KADA. The audit was performed for the management of the Anti-Doping Administration & Management System (ADAMS), Intelligence and Investigation, results management, protection of privacy and personal information, Therapeutic Use Exemption (TUE), anti-doping education, and others.



* KADA has completed all of the requirements provided by the WADA Code Compliance team on 22 Dec.

04 WADA's Compliance Review Committee Audit



01 Meeting with the WADA's Compliance Review Committee

On Oct 31, KADA visited the WADA headquarters located in Montreal, Canada. During the visit, KADA examined the follow-up measures from the WADA's audit in June and sought advice from WADA regarding the rest of the corrective actions to be taken.



02 Visited the Canadian Centre for Ethics in Sport (CCES)

During 29~30 Oct, KADA visited CCES in Ottawa, Canada. During the visit, KADA shared the current status of organization with CCES and sought advice regarding the paperless doping test system. Besides, the two organizations shared their opinions regarding developing educational content for anti-doping and expanding the subjects for receiving education.



03 Visited the Australian Sports Anti-Doping Authority (ASADA) and Drugfree Sport NZ (DFSNZ)

From 30 October to 2 November, KADA visited ASADA located in Fyshwick, Australia and DFSNZ located in Auckland, New Zealand respectively. During the visit, KADA sought advice regarding the Intelligence & Investigation management and the ABP related activities that will be implemented from 2019.



04 Visited the Anti-Doping Danmark (ADD) and Anti-Doping Norway (ADNO)

From 9 to 11 October, KADA visited ADD located in Brondby, Denmark and ADNO located in Oslo, Norway. During the visits, KADA learned very useful information regarding the ABP management and promised to continue to interact with each other.



05 International Relations

06
Jakarta
Palembang
2018 Asian
Games



From 18 August to 2 September, KADA dispatched one staff member and three doping control officers including the KADA president, Dr. JIN, Young Soo, who is also a Medical Committee member of the Olympic Council of Asia (OCA), to the Jakarta Palembang 2018 Asian Games that took place in Indonesia.

The KADA staff supported the OCA Medical Committee and Anti-Doping office during the Asian Games in Palembang by reviewing the Doping Control Forms, monitoring the Test Distribution Plan (TDP), entering the ADAMS, etc.



07
MOU
Agreements



In September, KADA concluded three new Cooperation Agreements regarding anti-doping with the organizations below.



01 Korean Academy of Sports Dentistry

KADA and Korean Academy of Sports Dentistry signed the agreement to carry out systematic and efficient anti-doping activities for athletes, athlete support personnel, medical personnels in the sport sector, and promote cooperation and exchanges between the two parties.



02 Organizing Committee of the 18th
FINA World Championships
Gwangju 2019

KADA and the Organizing Committee of the 18th FINA World Championships Gwangju 2019 signed a Cooperation Agreement on supporting the doping control staff members and doping control officers, the anti-doping outreach program, and providing the consultations on doping control management, etc.



03 Korea University Sport
Federation (KUSF)

KADA and KUSF signed a Cooperation Agreement for securing the sportsmanship in college sports, while conducting systematic and efficient anti-doping activities for student athletes and university sports officials in Korea.

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KOREA ANTI-DOPING AGENCY 2018 ANNUAL REPORT

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