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Opportunities and challenges in soybean genomics assisted breeding

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In this genomics era, advances in next generation sequencing and high throughput genotyping technologies have opened up great opportunities to enable genomics assisted breeding for soybean breeders to develop superior varieties carrying enhanced native traits and improved yield to meet the challenge of global food security. In this presentation, an attempt will be made to outline opportunities to develop genomics tools to enable genomics assisted breeding, challenges we are facing, and potential solutions to address those challenges from industry perspective.